

EUROPEAN NEWS

Soviet Union suffered \$14bn capital flight last year

By Anthony Robinson, East Europe Editor

THE former Soviet Union was forced to stop debt repayment to foreign banks last year largely because Soviet enterprises illegally kept at least \$14bn, and possibly up to \$19bn, in foreign accounts rather than repatriate hard currency at an overvalued exchange rate.

"The combination of a \$5bn current account surplus, \$2bn in net external borrowing and more than \$9bn in sales of gold and foreign exchange suggests large-scale capital flight in 1991. A large part of this was probably by enterprises that were reluctant to remit foreign

exchange under the requirement that 40 per cent of hard currency earnings be exchanged at the increasingly overvalued exchange rate of Rbs 1.7 to the dollar," according to the Institute of International Finance (IIF), the Washington-based research group funded by international commercial banks.

In its latest report on the former Soviet economy, the institute says that "monetary tightening to curb capital flight is essential". While noting that Russia has taken the lead in economic reform, it states that the programme "lacks crucial elements,

including monetary control".

It warns that "retreat from fiscal adjustment, or a failure to reinforce it with monetary and structural measures including privatisation, would risk hyperinflation, further weakness of the rouble, increased capital flight and continued foreign exchange shortages."

The IIF doubts whether a sufficiently comprehensive reform package can be implemented to secure financial support from the IMF even if membership is agreed by spring.

The IIF estimates that the convertible currency debt of the new CIS

rose to \$61.5bn at the end of 1991 from \$59.4bn in October. The now-defunct Soviet state managed to borrow less than \$2bn from abroad last year. A rise in official lending from \$23.2bn in 1990 to \$36.5bn at the end of 1991 was largely offset by repayments to commercial banks. The latter "may have received net repayments of as much as \$11.1bn in 1991, of which \$7bn was in short-term credit," the report notes.

Net disbursement by non-bank private creditors amounted to a mere \$0.4bn after taking into account "at least \$1bn in loans collateralised

against diamonds". Trade arrears remained "broadly unchanged" at around \$4bn to \$4.5bn, the report added.

Looking ahead, the IIF warns that the CIS may find it more difficult to raise external credit than the former Soviet Union. "The breakdown of a unified administrative structure will disrupt traditional trade flows - shortages of material inputs are likely to intensify. Real net material product (NMP) may fall another 15 per cent in Russia... and output may fall... by more than a quarter, in several republics."

In these circumstances, "access to external credit may be more limited in 1992... financing flows may amount to \$10bn in 1992, with official creditors providing nearly all new disbursements".

Meanwhile, international institutions are likely to play "only a limited financial role". Credits from the European Bank for Reconstruction and Development (EBRD) are unlikely to be above \$50m while it will be difficult for the IMF and World Bank to reach agreement and disburse funds this year, the report concludes.

Tajiks search for words to market themselves

Gillian Tett on a republic determined to be heard

FORMER Soviet Tajiks do not have a word for "marketing" in their own language. In the coming months, though, they may acquire one.

In this mountainous corner of the Soviet Union, the Tajik government has embarked on one of the most difficult marketing tasks of all - persuading the international community that remote and beautiful Tajikistan could be a profitable place for western investment and aid programmes.

They have taken the innovative step of establishing their own western-based development agency - the first such agency to have been set up by a former Soviet republic.

The Tajik Development Agency (TDA) is a joint venture between a Tajik commercial bank, a Finnish trade company and the European financial services firm EDC Amro. Based in London with a small, largely western, staff, its brief is twofold: to help the Tajik government identify its development priorities; and to attract, assist and co-ordinate the investors and aid agencies needed for this development.

"I think some western businesses think regions like Tajikistan might be interesting, but they just don't know where to begin... We are trying to provide an accessible, London-based, structure for them to start with," explains Mr Richard Wilkins, ex-accountant and now a director of



TDA.

He admits to considerable problems. The republic is virtually unknown in the west. During the Soviet period, its chief distinction was that its 5m population consistently ranked as the poorest in the Soviet Union. Since independence, it has become infamous as the first republic to have a visible Islamic opposition.

With its leadership still perceived - perhaps incorrectly - as former hardline Communists, it has not appeared a prime candidate for foreign aid. Although, entrepreneurs from nearby Muslim countries are already apparent in the republic, western investment has so far been limited.

According to Mr Wilkins and

his colleagues, the opening of the agency has already triggered business interest, particularly among mining companies curious about Tajikistan's rich mineral deposits. The republic produces an estimated 2.5 tonnes of gold annually, has large lead, zinc and silver deposits, and huge hydroelectricity capacity.

The management consultancy firm Coopers & Lybrand Deloitte has been contracted to advise on the EC, the British "know-how" fund and other sources.

Meanwhile, lawyers from the London law firm Berwin Leighton will be going out to the republic to advise on development of a badly-needed western-style legal system. The first English Speaking Union in the former Soviet Union has been set up in the Tajik capital, Dushanbe, to train English speakers.

Although TDA strenuously denies that it is intending to set itself up with exclusive access to Tajikistan's minerals, its position as the official "co-ordinator" of foreign investment to Tajikistan could place it in a controversially powerful position within the republic.

And in an ex-Soviet Union where almost anything is now up for grabs - or dollars - the Tajiks may yet need a word for "monopoly" in their language, as much as they need a word for "marketing".

Ex-German enclave in appeal over free zone

By Leyla Boulton in Moscow

THE FORMER German enclave of Kaliningrad has urged both the Russian government and foreign investors to support its free economic zone, saying this was the territory's only means of survival.

Local government and business representatives from the area, once known as Königsberg, sandwiched between the Baltic Sea and Lithuania, said the Russian government was due soon to approve concrete proposals for special benefits, including lower taxes than in the rest of Russia and an easing of restrictions on foreign capital.

A joint stock company called the Regional Investment-Financial Company, set up by Russian investors with initial capital of \$100m, is spearheading attempts to stimulate investment in the area.

Despite a lack of investment in infrastructure by Moscow and caution among would-be foreign investors from Germany and other countries, Mr Yuri Matochkin, head of the local administration, said he expected the free economic zone to be up and running within the next year or two.

Kaliningrad has a warm water port, a relatively developed transport system, defence plants in need of conversion to civilian uses, and the potential for tourism.



Chancellor Helmut Kohl: immigration stance backed by opinion poll findings

Kohl's immigration stance fuels split within cabinet

By Christopher Parkes in Bonn

CHANCELLOR Helmut Kohl's attempts to build an election platform on the issue of Germany's flood of asylum-seekers resulted yesterday in an unprecedented cabinet split between the CDU/CSU majority and the liberal FDP coalition minority.

But his scheme was given a lift by a government-sponsored opinion poll, conveniently released while the cabinet was at daggers drawn, which showed that most of the population was behind Mr Kohl.

The poll said that although the threat of unemployment was the greatest worry in the east, 47 per cent of west Ger-

mans said asylum seekers and immigration were the country's biggest problem. Around 60 per cent of all Germans backed changes to prevent "abuse" of asylum laws.

The rift occurred in a debate on the Schengen Accord, a treaty between Germany and other continental European Community states which will relax internal border controls and tighten restrictions at external frontiers.

While both party groups approved the accord - and the opposition SPD said it would not block it - the coalition partners disagreed on its implications.

Mr Rudolf Seltzer, CDU interior minister, proclaimed that the asylum clause in the federal constitution would have to be changed if the treaty were to be fully effective.

At present, he added, 60 per cent of all people seeking asylum in the EC were in Germany. Despite this, and for the first time in the history of the present government, the FDP published a separate and contradictory post-cabinet statement.

The row followed a CDU/CSU announcement on Tuesday that a constitutional amendment will be tabled within the next two weeks.

Swedish PM balks at Volvo buying Procordia

By David Marsh and Robert Taylor in Stockholm

SWEDEN'S prime minister, Mr Carl Bildt, yesterday hit out at Mr Pehr Gyllenhammar, Volvo's executive chairman over the motor group's proposed \$K38.7bn (\$6.7bn) acquisition of Procordia, the Swedish food and health care concern.

In a forthright intervention into Sweden's biggest corporate power struggle, Mr Bildt insisted that his government, which has a 43.7 per cent stake in Procordia, opposed the principle of the deal.

"It is not just a question of the price [of the Volvo share offer]. It is a question of getting an industrial structure that we can believe in," he said in an interview.

Declaring that the government was discussing "alternative solutions" to ensure the company's long-term future, Mr Bildt criticised the Volvo chairman's assertiveness. "Mr Gyllenhammar said he was ready to force the deal through against the government. There is no way that can be done."

The government's reaction to the affair, said a close aide, was "illustrated by the way of industrial restructuring. Things are different. The deal has clearly demonstrated that."

Commenting on Volvo's pre-emptive announcement of the takeover two weeks ago, Mr Bildt said: "We do think something differently under this government, and that I think might be one cause of the troubles there have been. They [Volvo] took it for granted that everything they did would be automatically approved of by the government."

Volvo, already the owner of a 42.7 per cent stake in Procordia, has claimed that the deal would produce industrial benefits, but is understood to be interested above all in access to Procordia's cash flow.

However, Mr Bildt said: "It is difficult to see any synergy effects... There might be other ways of satisfying their demands for cash flow."

Reading between the budget lines

Andrew Hill combs the Community draft text for hidden meanings

OFFICIAL publication of the EC's new budget plans will begin a new round of that traditional Brussels game, Hunt the Munchies, with industry and competition officials leading the chase.

The quarry is the controversial plan to use budget funds to improve industrial competitiveness. The Commission is calling for an annual increase of Ecu3.5bn by 1997 in the amount it spends to help industry adapt to change and increased competition from outside the EC.

That money will be channelled through a number of existing programmes: some 40 per cent will be targeted through research and development, 30 per cent through training programmes, and the rest through "trans-European networks" - pan-European infrastructure projects in, for example, the telecommunications and transport sectors.

In outline, this seems relatively uncontroversial. The direction of research policy will be made more responsive to the demands of industry; social funds will be used not only to cure long-term and youth unemployment, but to prevent it - by retraining workers for new tasks; efficient trans-European networks will help the internal market, and prop up jobs in the rural areas, the rich north and poor south of the Community as infrastructure is improved.

There is even a measure of consensus on this between Brussels' industry and compe-

THE RISE IN EC SPENDING (Ecu bn)			
	1987	1992	1997
Agriculture	32.7	35.3	39.8
Regional aid	8.1	18.6	29.3
Industry & other	1.9	4.0	6.9
Foreign policy	1.4	3.8	8.3
Administration	5.9	4.0	4.0
Reserves	0.0	1.0	1.4
Total	51.0	66.8	87.5

Source: European Community

tion camps, often said to be at loggerheads. They agree there are risks inherent in the plan: both sides accept the need for EC research and development programmes to be guided more from the bottom - that is, industry; both say that the developments are an advance for EC industrial policy, although competition officials, unsurprisingly, concede only that the proposals mark a "half-step" forward.

Agreeing an acceptable package has not been easy, however, particularly for Sir Leon Brittan, the competition commissioner, who would have opposed the budget had his fellow-commissioners not made amendments at the 11th hour.

Summing up his concerns, he said: "I would never have agreed had I thought it [the budget] could be a vehicle for an intrusive industrial policy designed to pick winners or prop up lame ducks. I'm finally satisfied that it can't be used for that purpose."

In particular, Sir Leon believes he has fought off the possibility of the Ecu3.5bn being earmarked for a separate

"industrial reconversion fund", and has limited the chance that regional funds could be used as instruments of industrial policy.

He and his advisers are also pleased that they have preserved the "horizontal" nature of EC industrial policy, with funds theoretically available across all industrial sectors and the whole Community.

The text makes no reference to specific sectors - such as automobiles, textiles, electronics or defence - which might benefit from the extra cash.

Sections on research and development will refer to backing specific technologies, rather than industries; the training funds should be available through centres or for specified training programmes.

But these may be artificial victories for the competition camp. Senior industry officials claim there was never any intention to set aside a fund, nor to specify the destination of the new money, for example.

As with any piece of Commission prose, the key lies in the interpretation of the text, a task which had begun before

the budget was agreed. The direction of the debate is unlikely to please the pro-competition lobby.

On Monday, Mr Martin Bangemann, industry commissioner, pointed out that although specific sectors would not be mentioned in the budget's provisions, it was obvious that certain industries - he singled out cars - could legitimately claim support for retraining workers.

He and his senior officials are pleading for more attention to economic reality and slightly less to what they claim are sometimes inflexible competition rules. Advocates of a robust competition policy argue that too much flexibility could encourage laziness.

As became clear in Strasbourg yesterday, Mr Jacques Delors, Commission president, will also press for full exploitation of the policy. In spite of his protestations, there are still fears that the richer member states - in particular, France and Italy - will be most expert at lobbying for central support.

Industry and competition advocates agree that the debate is far from over. Indeed, it is likely to become even more heated in the coming months, both because the criteria for spending the extra cash have to be thrashed out in Brussels and because the European industry is probably going to get more excited as the hunters close on their prey.

Cresson survives but suffers from growing discontent

By Ian Davidson in Paris

AS expected, France's conservative opposition parties failed in their attempt this week to bring down the Socialist government of Mrs Edith Cresson, when their censure motion on its handling of the George Bush scandal fell far short of the required parliamentary majority.

But Mrs Cresson's government cannot easily shrug off the political damage caused by the controversy over the ostensibly unauthorised hospitalisation in Paris of the Palestinian leader. The affair has undoubtedly added to the popular discontent with the administration of President Mitterrand.

Winding up the debate with a combative defence of the government's record, Mrs Cresson called on her socialist support-

ers to mobilise "for the next 400 days", to be ready for the general elections scheduled for the spring of next year. It was a forceful performance, but the critical date for Mrs Cresson's government is not 400 days away, but less than 40, in the local and regional elections of March 22.

At the best of times, the socialists would expect to be handicapped in these elections, weighted in favour of the rural vote and conservative local forces.

But to judge from recent opinion polls, that verdict is likely to be severe. The socialists' share of the vote may slide to below an average of 30 per cent.

If that happens, they could no longer claim to be the larg-

est single party in France. The pressure on President Mitterrand to replace Mrs Cresson with, say, Mr Jacques Delors, President of the European Commission, might then become intense. It might become hard to resist pressure for early general elections.

Socialist support in the Rhine-Alpes region, according to a survey by the EVA polling institute, is likely to fall to 18 per cent, 10 percentage points less than in the previous regional elections of 1988. In the Auvergne region, the socialist vote could drop from 30.8 per cent to 19.5 per cent. In the Ile de France region round Paris, the Socialist vote would drop even further, to 16 per cent, compared with 28.6 per cent in 1986.

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EUROPEAN NEWS

Brussels wants cash for action outside EC

By David Buchanan in Brussels

"IF PEACE breaks out in Yugoslavia, or if the Middle East negotiations succeed, the European Community will be called on to contribute massively to reconstruction in those regions," says a senior Community budget official. "But we have no idea when this might be."

The official was illustrating the peculiar budgetary problem for the EC in trying to foresee the unforeseeable five years ahead. Unlike governments which can fine-tune their national budgets year by year, the Community tries to lock itself into five-year plans, the second of which was proposed by the Commission yesterday.

These five-year plans are not set in concrete. The EC's "financial perspectives" for 1993-97 has so far been revised five times through a cumbersome and time-consuming procedure. But all these revisions were prompted by foreign policy demands on the Community, arising from the Gulf war, Kurdish refugees' plight, changes in eastern Europe and the former Soviet Union.

These demands have led the Commission to propose:

- Creation of a separate major budget category for EC external action. Up to now cash for this has been lumped in with money for a host of internal Community policies. The result has often been that

the Commission has had to trade off a request for, say, technical aid to Russia with the European Parliament's demands for more money for EC transport.

- A near-doubling of money for EC external action from Ecu2.6bn (2.56bn) this year to Ecu6.3bn (6.43bn) in 1997.
- A new reserve, which will rise to Ecu900m by 1997, to make provision for possible default by dubious borrowers like ex-Soviet republics and for unforeseen foreign crises.

The Commission is steadily building financial expectations on the part of its eastern neighbours. Its so-called Phare programme for central Europe, the Balkan and Baltic states is mainly project aid and does not carry long term commitments.

Equally, Brussels has carefully avoided including specific financial protocols in its recent association accords with Poland, Czechoslovakia and Hungary.

But these agreements promise the central Europeans "decisive support" in their moves to market economies. In addition, the Commission assumes that the combined needs of the 12 former Soviet republics will be greater than those of the old Soviet Union, because they will all be self-destructively pursuing their separate economic policies.

Bank chief warns on Polish interest rates

By Christopher Bobinski in Warsaw

THE debate over easing Poland's monetary restrictions has been joined by Mr Andrzej Topinski, acting head of the country's central bank. His warning that the bank would not agree to a base rate much below the level of inflation came as a draft budget was being prepared by the government.

The controversy became public as a senior International Monetary Fund team left Warsaw. The country needs an agreement with the IMF if disbursement of a three-year \$2.5bn loan facility suspended last year is to be resumed.

Mr Topinski said in a newspaper interview that the bank would not lower its base rate to between 25 and 35 per cent as long as the government continued to run up a budget deficit, which could reach 21.90,000bn (22.9bn) this year or 4.5 per cent of gross domestic product.

He appeared to be arguing against Mr Jerzy Eysymont, the senior minister responsible

for the economy, who is looking for ways of reviving Poland's recession-bound state-owned industries without igniting hyper-inflation. Mr Eysymont wants to see a base rate at around the inflation rate which his estimates will reach 35 per cent this year.

The central bank's stance strengthens the hand of Mr Karol Lutkowski, finance minister, who is arguing that interest rates have to stay around their present 40 per cent annual level if the budget deficit is to be financed. The Finance Ministry agrees the inflation rate will reach 35 per cent this year or half of its 1991 level. Mr Eysymont would also like to see an exchange rate "which would avoid an appreciation of the zloty". Here Mr Topinski wants to leave his options open, maintaining that exchange rate policy should not be strictly linked to the inflation rate but to the state of "foreign currency reserve levels", as well as other factors.

Saviour of Serbs forced to try to save himself

Beleaguered Milosevic is abandoning the militant nationalists he promoted, writes Laura Silber

SERBIA'S president, Mr Slobodan Milosevic, is trying to stave off mounting opposition within his republic by turning his back on the militant nationalists who fought his war by proxy. In doing so, the politician who built his career as the saviour of all Serbs - wherever they lived - has turned inwards to Serbia itself.

He now condemns as a warmonger Mr Milan Babic, the leader of Krajina, the self-proclaimed Serbian republic and enclave in Croatia. But no mention is made of the fact that the war was waged on the pretext of saving Croatia's Serbs in what was termed a hostile state.

The dispute with Mr Babic highlights the change in Mr Milosevic's tactics, a change dictated partly by economic reasons. Faced with the expense of the war, and financing the federal army, Mr Milosevic last month dropped the idea of uniting all Serbs in one state. It appears to be only a question of time before he calls for an independent Serbia, abandoning the idea of salvaging a Yugoslav federation.

In addition, Serbia's ruling



Opposition leader Draskovic (left) is pressing for Milosevic to quit. Krajina president Babic (right) now finds himself condemned as a warmonger

Socialists, instead of co-opting the opposition, marginalised it during the seven-month war through their tight grip over the media. Any party or activists in the anti-war movement were denounced as traitors.

However, resistance to forced mobilisation in Serbia, and western pressure, contributed to Mr Milosevic's shift in policy. Now promoting himself as the man of peace, he is trying to bring the militant nationalist elements to heel. But even if he succeeds in this, it will not lessen the price of the war borne by Serbia.

On the home front, Mr Milosevic has to contend with rising dissatisfaction over the economy. The government has frozen the price of some staples but the average monthly wage equivalent to about \$80 barely covers essentials.

The official inflation rate of 3,000 per cent is believed by economists in Belgrade to be well below the actual figure. Industrial output has fallen by at least 30 per cent in relation to last year's already low output. These indications are important for Mr Milosevic's political base which is anchored in the economy, as

many key factory directors were appointed after he came to power in 1987.

The question now is whether he can maintain control of a republic confronting imminent economic collapse.

His call for peace in January temporarily silenced the opposition. But now, this unpredictable leader faces an economically devastated and war-weary Serbia. More importantly, many people are asking what the war gained. Says Mr Draskovic, president of the opposition Democratic Party: "Serbia could have been where it is now [on the verge of independence], without the victims of war."

Yesterday, in just three hours, more than 2,000 people signed a petition sponsored by the Democratic Party demanding Mr Milosevic's resignation. The Serbian Renewal Movement, under Mr Vuk Draskovic, has supported this initiative, and called a rally on March 9 - anniversary of the suppression of anti-government demonstrations - to press for the Serbian president to quit. The stakes are high for Mr Milosevic and March could be his most crucial month.

Polls point to change in Romania

By Judy Dempsey, East Europe Correspondent

ROMANIA'S political scene is likely to change significantly following the success of the Democratic Convention (DC) in recent local government elections. A loose coalition of opposition parties, the DC did well at the expense of the governing National Salvation Front in last weekend's polls.

Although only two of the 40 mayors in the counties were elected with an absolute majority, the results so far indicate the emergence of a democratic opposition capable of challenging the Front in parliamentary elections. These are due three months after the second round of local elections on February 20.

The Democratic Convention, which includes the intellectual-based Civic Alliance and the National Peasants' Party, one of the "historic parties" of the 1920s, won an outright victory in Timisoara, cradle of the 1989 revolution which toppled the Ceausescu regime.

In Bucharest, the capital, the DC won 45 per cent of the vote; the National Salvation Front was next with 31 per cent. It also won the biggest share of the votes in the Transylvanian cities of Cluj, Sibiu and Brasov.

But in the Transylvanian counties of Covasna and Harghita, where ethnic Hungarians are in a majority, local Hungarians were swept into power, confirming that they will continue to play an important role in political life.

Privatisation free-for-all worries Czechoslovaks

By Ariane Genillard in Prague

CZECHOSLOVAK bankers are becoming increasingly worried that lack of regulation is threatening the country's mass privatisation programme, launched last month.

Last autumn, government officials reckoned only 4m citizens would be interested in the privatisation scheme - which involves distributing state-owned enterprises to the public through equity vouchers. However, the number of participants soared to nearly 8m after

private investment funds offered tenfold cash guarantees in a year's time to those prepared to assign their vouchers to them.

These investment funds, unregulated by any investment law, have prompted worries that failure to live up to such promises will endanger the workings of the future private economy. The pressure to sell assets to meet guaranteed returns as well as operational costs could lead to a liquidity

crisis and a capital market collapse, say bankers.

Reacting to such criticism, the federal government is drafting a law which would force investment funds to diversify their portfolios. But officials are not tackling the problem of guarantees.

The need for regulation is all the more urgent because of the political wrangles dominating the federal parliament. For months, Czech and Slovak deputies have been debating the

future of the political structure which binds them in one country. Slovak deputies, in particular, have regularly opposed the passage of federal laws. Many politicians, also, do not want to push through legislation before next June's general election.

At the moment, investment funds are regulated only by a few paragraphs on joint-stock companies in the business code. Czechoslovakia also does not yet have an investment

companies law or a securities trading law. In the meantime, the exchange law is in the making and should allow for the creation of a trading floor this autumn when the first tranche of vouchers are expected to become shares.

Under the privatisation programme, an estimated Kcs200bn (24bn)-worth of equity from state-owned enterprises will be distributed next month to the public in the form of vouchers.

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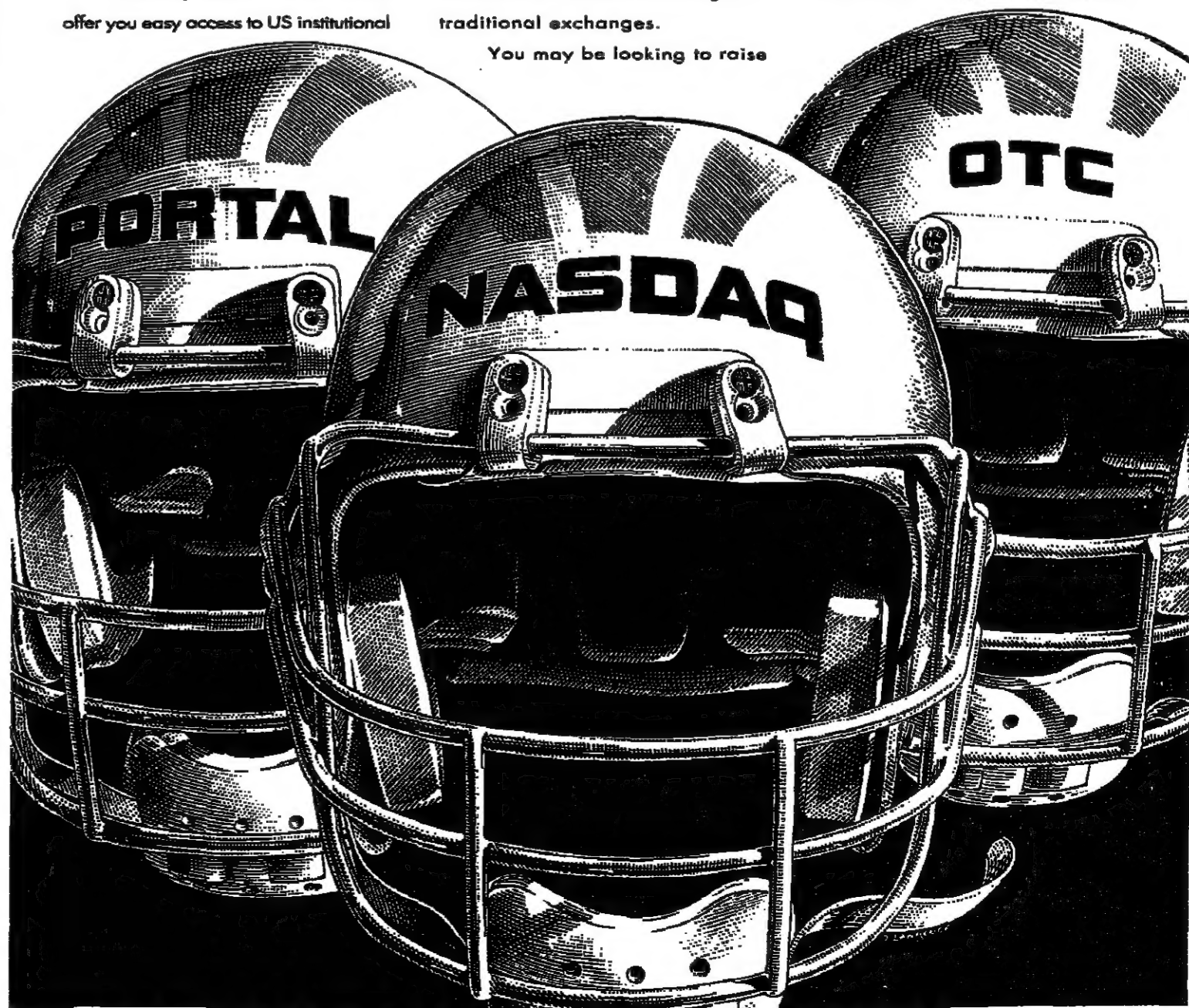
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INTERNATIONAL NEWS

Japanese machinery orders drop sharply

By Steven Butler in Tokyo

JAPANESE machinery orders, a key leading economic indicator, plunged in December to their lowest level since February 1988, the Economic Planning Agency (EPA) said yesterday.

The sharp decline - 13.9 per cent below a year ago excluding order for ships and from electric power companies - adds to a growing weight of evidence that Japan's economy is slowing sharply. The latest figures will increase pressure on the authorities to cut interest rates.

Mr Yasushi Mieno, governor of the Bank of Japan, made the less said yesterday that further monetary easing was not yet required, and that companies were not facing a squeeze in funding.

Mr Mieno said underlying economic activity remained firm. He also poured cold water on ideas put forth by some members of the ruling Liberal Democratic party aimed at hastily propping up the stock market, where prices have

Prime Minister Kiichi Miyazawa yesterday rebuffed a renewed appeal from German Foreign Minister Hans-Dietrich Genscher for large-scale aid to the former Soviet Union, AP-DJ reports from Tokyo.

Instead, Mr Miyazawa asked Mr Genscher to support Japan's demand that Russia return the Kuriles, four small islands seized by the Soviet Union at the end of the Second World War.

Mr Genscher is on a three-day visit to Tokyo.

slumped for the past two years. Mr Mieno said any such ideas had to take account of the long-term market impact.

Private machinery orders for the month came to ¥986.4bn (25bn), which was 25.6 per cent below November's orders. Machinery orders were 9.4 per cent lower in the last quarter of the year, compared to a year ago.

Orders from manufacturing industries were down by 11.3

per cent month-on-month, or by 17.3 per cent compared with a year ago.

Non-manufacturing industry orders were down by 34.4 per cent on the month, or 10.6 per cent from December 1990.

Mr Robert Feldman, economist at Salomon Brothers Asia, said the sharp decline in non-manufacturing orders was likely to disappoint government officials who had been counting on this sector to hold up the economy.

Total machinery orders, from the public and private sectors, were down by 8 per cent compared with a year ago. For the year as a whole, total machinery orders fell by 2.1 per cent, while private machinery orders excluding ships and power equipment were down by 1.4 per cent.

The EPA survey indicated an upturn in machinery orders in the first quarter of the year, with private orders excluding ships and power equipment expected to grow by 15.3 per cent compared with the third quarter of 1991.

Sudanese political trends alarm Cairo

Tony Walker reports on growing tensions between neighbours in north-east Africa

WHEN Major-General al Zubeir Mohammed Saleh, Sudan's deputy leader, completed a visit to Egypt this week, he had soothing words about the strained relations between the neighbouring Arab-African states. "Agreement had been reached," he said, "on the formation of a joint committee to promote co-operation in all fields for the good of the two peoples."

Behind his bland pronouncements, however, lies a troubled relationship, and it is doubtful that Gen al Zubeir's presence in Cairo - this was the highest-level Sudanese mission to Egypt in 18 months - has done all that much to calm festering Egyptian worries about developments in the Sudan.

A senior Egyptian official, who described the whole issue of Egypt-Sudan relations as "extremely sensitive," said Cairo would "wait and see how the Sudanese government is going to manage its relations in the Arab world, and how the



fundamentalist non-Moslem wave' of policies there will manifest itself.

From Cairo's perspective, Sudan presents an alarming picture these days: a weak military regime in the thrall of a powerful fundamentalist tendency led by Dr Hassan al-Touabi of the National Islamic Front, which, according to

Egyptian claims, is bent on creating a militant Moslem state and haven for extremist groups from across the Arab world.

Egypt's official Rose al-Yousef magazine this week published a detailed account, apparently based on Egyptian intelligence reports, of what it described as a network of terrorist training camps under Dr Touabi's control.

It also referred to the presence in Sudan of 2,000 Iranian Revolutionary Guards, some of whom had served in Lebanon.

Another Egyptian concern is over sanctuary given to Egyptian militants in Sudan recently, including the blind cleric, Sheikh Omar Abdel Rahman who fled Egypt in 1980.

A visit to Khartoum last December by President Ali Akbar Hashemi Rafsanjani of Iran, accompanied by officers of military assistance, prompted an extraordinary outburst in Al-Ahram, the official Cairo daily, by Ibrahim Nafah, its

editor-in-chief and confidant of President Hosni Mubarak. "God help the brotherly Sudanese people," Mr Nafah wrote. "For years, the situation in Sudan has been deteriorating, with governments changing hands consecutively until (Sudanese President Omar) al-Bashir rose to power in a military coup d'état and overshadowed all previous leaders in his blunt efforts to push Sudan down the drain."

Egypt's growing troubles with Sudan, which it ruled under an Anglo-Egyptian condominium until the early 1950s, date from the last idiosyncratic years of Colonel Jassir Nimeiri's rule before his removal in a bloodless coup in 1989.

Mr Nimeiri's efforts to impose *Shari'a* law (a 1,300-year-old Islamic code) had fuelled conflict between the mainly Moslem north and the Christian or animist south: a debilitating civil war continues to this day.

His replacement after a transitional period of military rule by Mr Sadiq al-Mahdi as prime minister between 1986 and 1989 added to Egypt's problems with its neighbour. Mr Mahdi, a fervent nationalist, had little regard for the web of agreements negotiated over the years between Khartoum and Cairo, including an "integration accord", and these were replaced with a "Fraternity Charter" in 1987 - a largely meaningless agreement - that was designed to "restore warmth" to the troubled relationship.

Gen Saleh's visit to Cairo was dogged by a border dispute that was rekindled following the signing of an agreement last December between Sudan and a Canadian-registered company for oil exploration in a zone Egypt claims as its sovereign territory. He insisted that the control over what is known as the Halaib administrative triangle on the Egyptian-Sudanese Red Sea border could be resolved amicably.

Yen used more in Asian trade

THE yen could replace the dollar as the currency of choice in Asia, as further evidence that a "yen bloc" is slowly emerging in the region, Reuter reports from Tokyo.

Recent data from Japan's Ministry of International Trade and Industry (MITI) shows more of Japanese trade, especially with other Asians, being conducted in yen.

"As Japanese products proliferate in Asia, we are seeing an expansion in the use of the yen for trade," said a MITI official. In 1991, the share of Japan's \$87.98bn (\$48bn) exports to Asia settled in yen increased to 41.9 per cent, compared with 37.5 per cent in 1990 and 33.4 per cent in 1987.

Japan's near-dominant position as a supplier of many key

goods gives its companies an advantage in trade so they can force trade partners to take foreign exchange risks associated with some transactions. Currencies can fluctuate widely in the time between arranging a contract and paying for it, leaving one party exposed to what could be hefty foreign exchange losses.

"Japanese firms have become so competitive that they now have the ability to force the foreign exchange risk on to others," said Mr Kenneth Curtis, senior economist at DB Capital Markets (Asia).

Part of the reason for more yen trade might also be that many Japanese exporters are selling goods to their own subsidiaries or units of other Japanese companies overseas.

Economists say that for a yen bloc to become a reality, the yen needs to be used more widely as a unit of exchange between parties which are not Japanese. "This is one piece in the puzzle for Japan's expanding presence in Asia," said Mr Paul Summerville, economist at Jardine Fleming Securities.

In recent years, the share of exports contracted in yen to the US and the European Community, where construction of Japanese plants has been slower than in Asia, has shown little sign of moving in favour of the yen.

Meanwhile, Asian nations have increasingly more yen that needs to be spent. "Countries increasingly have to match their yen liabilities," said Mr Curtis.

UN told Libya accepts French demands over airliner bombing

LIBYA has told the United Nations it would accept French demands on the 1988 bombing of an airliner over Africa but did not agree to US and British requests on a Pan Am bombing over Scotland, Reuter reports from United Nations.

A report issued by Mr Boutros Boutros-Ghali, the secretary-general, yesterday quoted Libya's ambassador to the UN as saying his country had decided to "accept the French demands since they were in conformity with international law and did not infringe upon the sovereignty of Libya".

"Libya requested, therefore, that the secretary-general inform the French government of the decision," Mr Boutros-Ghali said, in a report on his conversation on Tuesday with Mr Ali Ahmed al-Houdari, Libya's UN ambassador.

The Libyan response was in answer to Security Council Resolution 731, adopted on Jan-

uary 1 demanding co-operation on the two airline bombings.

But there was no indication it was willing to hand over the two agents indicted by the US and Britain in connection with the December 1988 mid-air bombing of Pan Am Flight 103 over Lockerbie, in Scotland, in which 270 people died.

The report said Libya wanted the secretary-general to create a "mechanism" for US and British demands that two agents considered responsible for the Pan Am bombing be turned over for trial.

Diplomats described Libya's latest response to the resolution as vague and hopeful but officials from France, the US and Britain said they first had to study the document.

The US and Britain have threatened economic sanctions, including an air and arms embargo, if the agents were not handed over. Libya has denied any involvement in either bombing and previously

refused to allow its alleged agents to be tried by courts abroad.

A lawyer for the two, named as Abdel Baset Ali Mohammed al-Meghrabi and Al-Amin Khalifa Fhimah, said in Tripoli that he could be tried outside Libya but not in the US or in Scotland. British lawyer Stephen Mitchell also said that reports from a former Central Intelligence Agency official that the two had disappeared and were dead were untrue.

France had demanded Libya allow the questioning of four agents by a French magistrate in connection with the downing of a DC-10 airliner belonging to the French Union des Transport Aeriens (UTA) which blew up over Niger, killing 171 people.

Diplomats said the letter indicated the four could be brought to France for interrogation and pointed out that France had not asked for their extradition.

India starts easing import restrictions

By K.K. Sharma in New Delhi

INDIA yesterday started the process of easing the restrictions on imports imposed in March last year when the country was in the midst of a severe balance of payments crisis.

Mr S. Venkataratnam, the governor of the Reserve Bank of India, the country's central bank, announced in Bombay that the requirement of a 25 per cent cash margin on letters of credit for imports would be withdrawn from today.

Simultaneously, the sur-

charge that banks were required to impose on import credit will also be withdrawn. As a result, industry will be able to import without difficulty the raw materials and components it needs urgently to raise production.

The move follows the rise in the foreign exchange reserves to a healthy level of over Rs 100bn (23.13bn) following various measures taken by the government. These include the first instalment of a standby credit of \$2.5bn (21.5bn) from

the IMF and immunity schemes for Indians with foreign bank accounts if they repatriate their illegal wealth.

Easing restrictions is part of the economic reforms initiated since July last year by the Narasimha Rao government. This has led to withdrawal of a number of government controls and regulations, including those on foreign investment and industrial licensing. However, import restrictions, which retained, except for minor changes, until the foreign

exchange reserves improved.

Trade and industry has long been pleading for the easing of the restrictions on the grounds that they were affecting industrial production.

Industrialists blame the restrictions on imports and bank credit for the recession and they have, therefore, been asking for their withdrawal. Dr Manmohan Singh, minister of finance, said restrictions would be eased as soon as foreign exchange reserves reached a healthy level.

Pakistan cracks down on Kashmir militants

KASHMIRI militants said Pakistani security forces killed up to 12 people and arrested their leader together with 100 supporters in an attempt to block their march to the Indian border yesterday, reports Reuter from Chinnai, Pakistan.

But Mr Sardar Abdul Qayyum, prime minister of Pakistan-ruled Azad Kashmir, denied that Mr Amanullah Khan, leader of the Jammu and Kashmir Liberation Front (JKLF), had been arrested and said that there had been many fewer deaths.

The JKLF said that their leader and close aides were matched by the security forces after being separated from other activists who had fought their way close to the border in an attempt to cross it in support of a Moslem uprising in the Indian-ruled side of Kashmir. Mr Qayyum also said the militants had agreed to disband the march in return for the release of 40 people arrested earlier.

The JKLF claimed that Mr Khan and 300 of his most ardent supporters had

reached the border village of Chakothi after breaking through a police barrier 6km from the ceasefire line.

Militants said police occupying the heights above a road sandwiched between the mountainside and the Jhelum river gorge threw rocks down on demonstrators, injuring many. Doctors said police shot dead at least three people.

In India, authorities said Indian soldiers fired at other militants trying to cross the disputed border, reports AP.

Pretoria and ANC closer to accord

By Paul Waldmeir in Johannesburg

THE South African government and the African National Congress have moved closer to setting up an interim government for the transition to post-apartheid democracy.

The ANC yesterday released proposals on the interim administration, which showed growing convergence with those of the Pretoria government, although officials warned there were still many stumbling blocks to early agreement.

The ANC wants an all-party Interim Government Council to oversee multi-racial elections and to supervise the security forces, the public media and the budget.

This body, which would be appointed by the Convention for a Democratic South Africa (Codesa) - the multi-party conference which is currently discussing a constitutional issue - could take additional powers "considered necessary for proper government."

The ANC also proposed that what it calls a "constituent assembly" should both draw up a post-apartheid constitution and act as a legislature in the interim period. This proposal parallels that of the government, which proposes that an elected interim parliament draw up a constitution.

Where they differ is on the way such a body would be constituted. The ANC insists it be elected on the basis of one-man, one-vote, while the government says this would provide insufficient protection for minorities. The government proposes a complicated system of voting to give minorities which, in practice, means whites - a disproportionately large number of seats.

The two sides have made great steps towards convergence in recently. They now agree that an interim government should be elected and that a constitution should be drawn up by an elected, rather than an appointed, body.

But important differences remain: a senior government official warned yesterday of a "long hard road ahead" before consensus could be reached on the minority issue. The ruling Nationalists would not accept a solution which gave whites representation in parliament without any real power. "That," the official said, "would mean sitting in a corner and getting outvoted all the time."

South African health authorities said yesterday they want to scrap a plan that would end the automatic right to an old age pension. Reuter adds from Johannesburg.

The National Health Department added in a statement it planned "as soon as possible" to eliminate disparity between pensions for blacks and whites.

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NZ ahead of target in squeezing inflation

By Terry Hall in Wellington

THE New Zealand Reserve Bank said yesterday that the country's inflation fell more sharply than expected last year, but it was not expected to fall below 2 per cent until 1993. Inflation fell to minus 0.2 in December.

The bank, which was given responsibility for handling monetary policy in pursuit of low inflation in 1988, was not supposed to achieve nil to 2 per cent inflation till 1993.

Releasing the latest six monthly outlook yesterday, the bank governor, Dr Don Brash, said that "with hindsight, there could be some validity in accusations that the bank's monetary targets had been too tight and that this had caused extra business difficulties. The creeping 4 per cent devaluation, since late November, could have been done earlier," he declared.

However, he argued that the

bank had eased monetary policy substantially during the year. Had the bank acted earlier, the wrong signals might have been sent to the markets about its commitment to low inflation.

The bank predicts renewed inflationary pressures following the recent devaluations, and Dr Brash pointed out that the bank would not hesitate to tighten monetary policy.

Current settings are comfortably on track to achieve the 1993 target, laying a sound foundation for an improvement in New Zealand's growth prospects.

Dr Brash added that underlying inflation rate was estimated to have fallen to an average 1.7 per cent in 1991. It could fall lower over the coming months, before rising to reach a peak of about 3 per cent next year.

W Australia to sell off financial institutions

By Bruce Jacques in Sydney

DR Carmen Lawrence, the premier of Western Australia, plans to privatise the state's two largest financial institutions as part of an economic package announced yesterday.

Dr Lawrence said the government's Insurance Office would be sold outright and that 40 to 45 per cent of the R&I Bank would be sold off.

However, she said, the economic environment precluded any immediate sales and the government would wait until "the time was right".

She did not specify whether the two institutions, both of which were involved in lending to many failed entrepreneurs, would be floated or offered for trade sale.

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Applications are invited from insurance companies and intermediaries who wish to be considered for inclusion in the list of tenders for the boroughs insurance requirements.

The Council have appointed Jardines Insurance Brokers Limited to act as advisers in the review of its insurance arrangements and invitation of tenders.

The authority has a population of 186,000 and gross expenditure will amount to some £250 million for the coming financial year.

Current insurance policies will be subject to renewal on 1st July 1992.

Tender documents will be issued on 1st April 1992. Companies wishing to be considered for inclusion on the Councils approved tender list should apply to the address below for an application package which should be returned by no later than Tuesday 3rd March 1992.

Chief Executives Department, Finance Division, Central Purchasing Unit, 7th Floor, Century House, Hardshaw Street, St. Helens, Merseyside WA10 1BN. Tel: (0744) 24061 exts. 2581 and 2582.

LEGAL NOTICES

LONGSTAFF AND SHAW HOLDINGS LIMITED

Registered number: 2028485

Former company name: Croftbrook Limited

Nature of business: Holding Company

Trade classification: 73

LONGSTAFF AND SHAW LIMITED

Registered number: 03584

Nature of business: Heating & Ventilation Engineers

Trade classification: 27

L. AND S. FIRE PROTECTION SYSTEMS LIMITED

Registered number: 104810

Nature of business: Heating & Ventilation Engineers

Trade classification: 27

LONGSTAFF AND SHAW SERVICES LIMITED

(An Administrative Receivership)

Registered number: 198011

Nature of business: Designers & Consultants for Electrical & Mechanical Systems

Trade classification: 37

Date of appointment of Administrative Receiver: 2nd February 1992

Name of person appointed the Administrative Receiver: Royal Bank of Scotland plc

By: Miles A. Colin George Whiston

Joint Administrative Receiver (office holder nos. 228 & 272) of South White

1 Raleigh House

Adelaide Way

Walsley

London E14 6NS

FLAVOURPLUS LIMITED (IN ADMINISTRATION)

NOTICE OF MEETING IN ADMINISTRATIVE PROCEEDINGS

Notice is hereby given that a meeting of creditors is to be held at The Somerset Suite, The Waldorf Hotel, London, WC2 at 10.00am on 27 February 1992. To consider our proposals under Section 23 (1) of the Insolvency Act 1986 and to consider establishing a Committee of Creditors. A copy of our proposals may be obtained from P O Box 56, 1 Surrey Street, London, WC2R 0BT.

John A. Talbot

Arthur W. Briley

Martin Fehman

Murdoch L. McKillop

JOINT ADMINISTRATORS

Dated this 10 day of February 1992.

ALLOYSIDE PROPERTIES LIMITED (IN ADMINISTRATION)

NOTICE OF MEETING IN ADMINISTRATIVE PROCEEDINGS

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Over 2 up to 3	10 1/4	10 1/4	10 1/4
Over 3 up to 4	10 1/4	10 1/4	10 1/4
Over 4 up to 5	10 1/4	10 1/4	10 1/4
Over 5 up to 6	10 1/4	10 1/4	10 1/4
Over 6 up to 7	10 1/4	10 1/4	10 1/4
Over 7 up to 8	10 1/4	10 1/4	10 1/4
Over 8 up to 9	10 1/4	10 1/4	10 1/4
Over 9 up to 10	10 1/4	10 1/4	10 1/4
Over 10 up to 15	10 1/4	10 1/4	10 1/4
Over 15 up to 25	10 1/4	10 1/4	10 1/4
Over 25	10 1/4	10 1/4	10 1/4

*Non-quota loans are 1 per cent higher and non-quota loans 2 per cent higher in each case than quota loans. Interest is payable on principal. 1% discount for half-yearly payments (based on equal half-yearly payments to include principal and interest). 3% with half-yearly payments of interest only.

AMERICAN NEWS

Former World Bank officials see growing opportunities in emerging markets

IFC-style investment company launched

A NEW asset management company was launched in Washington yesterday to take advantage of growing opportunities for direct and portfolio investment in developing countries, eastern Europe and the former Soviet Union, writes Michael Prowse in Washington.

The Emerging Market Corp was founded by Mr Moeen Qureshi and Mr Donald Roth - until recently two of the World Bank's most senior officials - and Mr Jay Higgins, a former vice-chairman of Salomon Brothers, the Wall Street investment house.

Bankers Trust, the New York bank which is already active in emerging markets in developing countries, has agreed in principle to become a partner in the new company.

The new company will be based in Washington and begin operations in April. Its immediate aim is to establish a \$200m-\$250m (£111m-£139m) fund for making direct equity investments.

Mr Qureshi, the chairman-designate, said yesterday EMC would add value by providing a vehicle through which pension funds and insurance companies could take direct equity stakes in developing countries. At present, investors were mainly limited to portfolio investment in emerging markets.

He said the age of substantial bank lending to developing countries had passed. His company was being established to ride the new wave of direct and portfolio equity investment.

EMC may also represent the start of a trend towards seeking private-sector solutions to the problems of economic development. It can be seen as a profit-making, entrepreneurial version of the

International Finance Corp (IFC), the arm of the World Bank that seeks to promote private-sector development in the third world.

In eastern Europe, EMC could compete with the public-sector European Bank for Reconstruction and Development, which has taken direct equity stakes in enterprises.

EMC offers investors considerable expertise in development and finance. Mr Qureshi was until recently in charge of operations at the World Bank - one of two senior vice-presidents under Mr Lewis Preston, the president. Mr Roth is currently the bank's treasurer, its senior financial officer. Mr Higgins was head of investment banking at Salomon and previously head of mergers and acquisitions.

EMC aims to operate in Asia, Latin

America, eastern Europe and the former Soviet Union.

Mr Qureshi said he expected eastern Europe to be an important market but to develop slowly. In the former Soviet republics, the group would seek "enclave-type projects" where returns were likely to be independent of the economy's overall performance.

Although focusing initially on direct equity stakes, EMC will seek to take advantage of growing opportunities for stock market investment as capital markets deepened in developing countries and former communist economies.

Mr Qureshi said opportunities were far greater than generally appreciated. He expected portfolio investment in emerging markets to expand from about \$20bn now to about \$100bn by the end of the decade.

Congress heads for clash over taxation

By George Graham in Washington

DEMOCRATS and Republicans are heading for a clash in Congress over how much of the tax incentives package proposed last month by President George Bush to enact.

But with the tax debate turning into a contest of political gamesmanship, it is the Democrats who are proposing the full list of measures set out by Mr Bush in his State of the Union address, and the Republicans who are calling for a more limited package of short-term measures.

With the backing of the White House, the Republican minority in Congress has selected seven main measures from Mr Bush's proposals. They include a cut in the capital gains tax rate, an investment tax allowance, and tax incentives for first-time home buyers.

Mr Richard Gephardt, leader of the Democratic majority in the House of Representatives, has countered the Republican bill by introducing one with 50 measures, which he said represented the entire Bush package.

This is the bill on which the House ways and means committee, Congress's key taxation body, began work yesterday.

The Republican bill omits the tax break Mr Bush promised to middle-income families: a \$500 (£276) per child increase in personal tax allowances.

While this measure was not included in the short-term plan Mr Bush challenged Congress to pass by March 20, his State of the Union address specifically asked Congress to act on it "right away".

The bill also lowers the alternative minimum tax, which is designed to prevent the wealthy from escaping taxation by sheltering their income.

"It appears that the tax train is leaving the station and the middle-income people have been left behind," Mr Gephardt said. "What the administration now wants considered is short-term legislation, loaded with special interest tax measures, shorn of most relief for moderate income Americans and financed by phony accounting changes."

Both Congressman Dan Rostenkowski, chairman of the ways and means committee, and Senator Lloyd Bentsen, his counterpart on the Senate finance committee, said yesterday there would be only one tax bill this year. It should therefore address the entire range of tax proposals.

Congressman Bill Archer, the senior Republican on the ways and means committee, said Mr Bush would veto the Gephardt bill as it did not comply with the fiscal discipline required by the US budget enforcement act.

"I don't think it's a good faith effort when Dick Gephardt submits a bill, claims it's the president's bill, but offers no spending cuts to pay for the balance of the tax initiatives," Mr Archer complained.

Should the Gephardt bill pass, however, it would present Mr Bush with the ticklish political task of explaining why he was vetoing legislation comprising largely his own proposals, and preferred a bill giving little or nothing to middle-income families.



Patrick Buchanan: evoked memories of the 1950s

Brazilian state groups face cost crackdown

By Christina Lamb in Rio de Janeiro

BRAZIL'S Economy Ministry has warned that state companies' failure to rein in spending could jeopardise the country's stabilisation programme.

Under a programme agreed with the International Monetary Fund, Brazil must produce an operating surplus of 1 per cent of gross domestic product this year. However, preliminary figures for last year show the public sector deficit worsened to 2.35 per cent of GDP, mainly due to the failure of state companies to cut costs.

Federal investments have been slashed, but few state companies met the requirement of last February's economic plan to reduce costs for 1991 by 10 per cent, according to ministry officials.

Some even increased spending, appealing to the treasury for extra funds. Many failed to make payments to the state social security fund, pushing it to the verge of bankruptcy.

Some of the large state companies, such as Petrobras, started this year by granting generous salary increases to employees. A ministry official said yesterday: "The state sector is out of control."

Mr Marcello Moreira, economy minister, is expected to order a crackdown on costs and try to resolve the problem of state companies unable to service debt because they are owed money by other parastatals.

Mr Moreira has already blocked the accounts of Eletrobras, the state electricity company, for not meeting debt payments and threatening to do the same to other offenders. Eletrobras had, however, transferred most of its money to the account of its Rio de Janeiro subsidiary.

Caterpillar strike widens

By Barbara Durr in Chicago

THE United Auto Workers union of the US is to widen its three-month strike against Caterpillar, the world's largest maker of earth-moving equipment. The decision came after Caterpillar offered last week to end its lock-out of 5,600 workers this weekend.

The company's move was aimed at bringing the union back to the bargaining table. But the union says it wants to maximise pressure on Caterpillar to win an industry "pattern" contract, comparable with settlements at similar companies. It will send the locked-out workers on strike.

The union believes that allowing locked-out workers to return to the job would prolong the partial strike by 2,400 of its members, which began on November 4.

However, the UAW accepted the company's invitation to resume talks next week.

Fiery Buchanan attacks 'unfair' Airbus subsidies

By Lionel Barber in Concord, New Hampshire

MR Patrick Buchanan, the right-wing Republican challenger to President George Bush, is calling for trade retaliation against Airbus Industrie as part of a stiffer "America first" trade message to win over voters in next week's New Hampshire primary.

In a speech in Concord, Mr Buchanan accused Japan and Europe of spending billions of dollars on unfair subsidies in an effort to destroy US high-technology businesses, particularly the aerospace industry led by Boeing and McDonnell Douglas.

As president, he would tell the British, French, German and Spanish governments who back Airbus that "we are going to protect Boeing because they built the planes that kept you free [during the Cold War]."

The US is a world leader in civil aviation, one of the few high-technology industries unchallenged by Japanese competition. The Bush administration has filed two complaints about subsidies of Airbus to the Geneva-based General Agreement on Tariffs and Trade but Mr Buchanan said he would introduce countervailing duties to raise the price of Airbus aircraft.

With five days remaining to next Tuesday's primary in New Hampshire, the first in the 1992 election campaign, Mr Buchanan, with roughly 30 per cent support, trails Mr Bush by 15 points. But many voters remain undecided, and the Bush camp is fearful of a recession-inspired backlash.

Political experts calculate that Mr Buchanan needs between 35 and 40 per cent of the vote to keep his challenge alive in the southern primaries. Bush supporters are inflating his likely vote next Tuesday in the hope that, even

if he scores an embarrassing 35 per cent, he will be written off by the press.

Mr Buchanan, a former speech writer to Presidents Nixon and Reagan, drew a crowd of more than 200 people at Concord on Monday night. Many were middle-income Americans worried about the local economy.

The Republican challenger called for an end to all US foreign aid, the removal of most-favoured-nation trade benefits for communist China, and the withdrawal of all US troops from Europe in response to the collapse of the Soviet Union.

"It is time to tell the big boys in Europe who steal our markets around the world that they should look after themselves," he said.

The Boston Herald, a conservative-leaning tabloid newspaper, joined the right-wing Manchester Union Leader yesterday in endorsing Mr Buchanan in a front-page editorial. The Herald said Mr Bush's support of a tax increase in 1990 meant he had betrayed those who voted for him in 1988.

In his speech Mr Buchanan evoked memories of the 1950s, when the US dominated the world economy and led the struggle against Stalinism. The US won the Cold War "but the victory has left ashes in our mouths. There is a social and economic crisis in America today," he said.

Referring to national opinion polls indicating that three out of four Americans are worried about the future, Mr Buchanan said he would cut taxes, support term limits for Congress and slash the federal bureaucracy. He quoted Abraham Lincoln's words on the eve of the Civil War: "There is a storm coming."

Cavallo warns of tough line on inflation

MR Domingo Cavallo, Argentina's economy minister, yesterday said his stabilisation policies were under threat from inflation, writes John Barham in Buenos Aires.

However, the minister added: "We will not throw away all we have achieved. We will persevere and continue with the changes."

The spectre of rising inflation is already setting off pre-

emptive price increases and index-linking. Mr Cavallo has responded by demanding companies keep prices down and unleashing tax inspectors on offending businesses.

Mr Cavallo's economic liberalisation policies have steadily lowered inflation, which fell to a monthly rate of 0.6 per cent in December. But inflation flared in January, rising to 3 per cent. Mr Cavallo had forecast inflation of 6-7 per cent for 1992; last year prices rose 84 per cent.

The minister warned that "without economic stability it will not be possible to grow or to maintain political stability."

He repeated that inflation would simply lead to recession and called on companies to invest more, raise production and lower prices. The minister is keenly aware that further

inflation will increase political pressure to devalue the peso, the new currency introduced in January.

Demands from the business lobby for subsidies and protection from imports will be firmly resisted, Mr Cavallo said. He said "even a 10-year old" could understand that industrial subsidies would only impoverish the rest of the country.

Noriega trial admission

FORCES under the command of former Panamanian strongman General Manuel Antonio Noriega investigated and arrested a key figure in Colombia's Medellin cocaine cartel, a US Drug Enforcement Administration agent admitted yesterday, writes Henry Hamman in Miami.

The acknowledgement by the agent, Mr Thomas Telles, is significant as the government has alleged during Gen Noriega's Miami drug trafficking trial that the general protected the operations of the Medellin cartel in Panama.

Mr Telles had at first denied knowing with whom the Medellin "lieutenant," Mr Jose Eduardo Zambrano Calcedo, was affiliated.

Mexico to clean up vehicle emissions

MEXICO has taken another step towards cleaning its smog-shrouded capital, one of the world's most polluted cities, by ordering tens of thousands of vehicles to convert to clean-burning fuels, Reuters reports from Mexico City.

The programme, the latest in a series of measures to clean up the city, was announced yesterday at the Los Pinos residence of President Carlos Salinas de Gortari.

Emissions from cars, trucks and buses account for nearly 80 per cent of the more than 4,000 tonnes of pollutants dumped on Mexico City every year.

Under the new measures, owners of 144,000 public transport and cargo vehicles will be forced to convert to natural gas or liquid petroleum gas over the next three years.

During the same period, another 147,000 vehicles will be

sent to the scrap heap and substituted by newer models that run on lead-free petrol and are equipped with catalytic converters.

The measures affect a relatively small number of the more than 3m cars, trucks and buses that clog the city's streets. But they were applauded by Mr Romero Arid, a leading environmentalist, as an important step in the right direction.

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WORLD TRADE NEWS

AT&T calls for end to Russian curbs after deal

AMERICAN Telephone and Telegraph (AT&T) yesterday signed a multi-million-dollar joint venture with a Russian company and called for western restrictions on high-technology exports to be lifted, Reuters reports from St Petersburg.

The deal, with St Petersburg-based Dnaya Svyaz (Dals), is to provide and market digital transmission equipment to improve long-distance domestic and international phone links in the former Soviet Union, AT&T officials said.

AT&T Network Systems International will own 68 per cent of the new company, to be called AT&T of St Petersburg. Dals will hold the remaining 32 per cent.

Mr Alexei Alyshin, Russia's deputy communications minister, said the joint venture was only a small part of AT&T's plans to develop Russia's communications.

However, neither he nor AT&T officials gave details of future projects. They would not say how much would be invested in the current joint venture, but said it amounted to millions of dollars.

Mr Sam Wilcoxon, an AT&T group executive, said the deal was part of an overall plan to

improve the infrastructure in the Commonwealth of Independent States and eastern Europe. "I view this as a tremendous opportunity as our countries begin to develop commerce," he said.

"The need for communications is going to grow dramatically," Mr Wilcoxon said, adding that gains from the venture would be long-term but the need for such a deal was immediate.

Mr Wilcoxon complained about western restrictions on high-technology exports imposed during the Cold War by the Paris-based Co-ordinating Committee on Multilateral Export Controls (Cocom).

Many of us believe that these are an artefact of history and AT&T is working very aggressively to persuade those that need to be persuaded that this particular artefact be done away with," he said.

Cocom has allowed exports of only slow-speed fibre optic cables of up to 45 megabits per second because of fears that a high-speed link would make military communications more difficult to intercept. AT&T officials said there were 93 international circuits between Russia and the US, well below requirements.

Menem condemns 'diktat' of EC farmers on Gatt

By Andrew Gowers, Foreign Editor, in Strasbourg

ARGENTINA'S President Carlos Menem made a direct appeal to the European Community yesterday to override "the diktat" of its farmers and compromise over agricultural subsidies in the Uruguay Round trade negotiations.

In a speech to the European Parliament at the start of a tour of EC countries, Mr Menem said that by failing to agree to compromise proposals on farm trade the Community risked sparking a trade war.

"The reluctance of certain European governments to accept a progressive dismantling of agricultural subsidies

will bring with it serious consequences for international trade," the Argentine leader said. "Can the principle of free trade, which should govern trade relations, be subordinated in the area of agriculture to the diktat of a definitively minority sector?"

Argentina is a member of the Cairns group campaigning for a liberalisation of farm trade in the current round of talks on the General Agreement on Tariffs and Trade.

Mr Menem also appealed to European governments to participate in his country's privatisation programme.

Corporate Sweden loses fear of capital inflow

The investment gap is closing as foreign participation last year reached SKr50bn, writes Robert Taylor

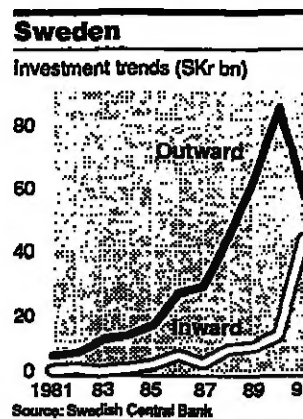
FOR so long a net exporter of capital, Sweden has suddenly become the focus for a dramatic inflow of foreign investment which promises over time to change the face of the country's corporate ownership.

The country's central bank is expected to reveal early next week that around SKr50bn (€4.8bn) of foreign investment flowed into Sweden during 1991. This contrasts with only SKr13.8bn in the previous year and a mere SKr3.7bn in 1989. During the whole of the 1980s the volume of Swedish investment flowing overseas was six times larger than the amount of investment coming into the country.

The closing of the investment gap, from SKr75bn at the end of 1990 to SKr14bn for the last year, reflects partly the slowdown in the Swedish investment offensive abroad that grew so fast between 1987 and 1990, especially through mergers and acquisitions in the European Community.

But the substantial increase in inward investment volume also indicates just how attractive Sweden is becoming for investment opportunities in the eyes of a growing number of foreign companies.

The country's leading business magazine, *Affarsvärlden*, calculated recently that inward investment rose by 400 per cent last year while the number of Swedes employed by foreign-owned companies tripled.



Source: Swedish Central Bank

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The country's leading business magazine, *Affarsvärlden*, calculated recently that inward investment rose by 400 per cent last year while the number of Swedes employed by foreign-owned companies tripled.

An estimated 185 Swedish companies employing 40,000 workers were bought by foreign concerns over the past three years.

Sweden has witnessed some significant acquisitions by foreign companies. These include the purchase of Nobel Industries' consumer goods division by the German chemical group, Henkel; the take-over of Inter Innovation by its rival in security printing and payment machines De La Rue, the UK company; the acquisition by the Danish company ISS-International Service Systems of Electrolux's commercial cleaning services; and the purchase of Boliden Kemil by the Finnish company, Kemira Oy.

The pace of foreign investment continues. The UK-based Scapa materials group acquired the Swedish industrial company, Scandiatel, last month while earlier this week the French data company, Cap Gemini, announced its plan to buy Programator, the Swedish data service company. In addition, corporate Sweden

has seen the growth of joint ventures and strategic alliances between domestic and foreign companies. The most notable have been the 50 per cent stake in Sanb Auto taken by General Motors, Volvo's complex partnership with Renault, Gillette and JP Morgan's 47.8 per cent acquisition of Swedish Match, and the Norwegian company Freia's 49.6 per cent purchase of Marabou chocolate.

Swedish company shares are now more appealing for foreigners, an interest in buying helped directly by the abolition in December of the turnover tax on share dealing on the Stockholm bourse. At the end of 1991 foreigners held 8.1 per cent of the SKr52bn-worth of shares on the local stock market and it has been estimated that for foreigners accounted for the purchase of between SKr15-20bn shares during last year. In 1992 Sweden's shareholders' association has estimated that up to SKr30bn more Swedish corpo-

rate stock could be bought by foreigners. The surge in foreign business interest in Sweden stems from a number of inter-related factors as the economy has become more deregulated and international.

The most important positive change has been Sweden's commitment to join the EC by 1995, coupled with the promise of financial stability through the pegging of the krona to the European Currency Unit, firm control of monetary policy using high interest rates if necessary, measures to cut costs, keeping inflation down to average EC levels, and improving productivity.

The country's non-Socialist coalition which came to power last October has speeded up liberalisation with a robust free market strategy. As many as 35 of the country's state-controlled companies are to be privatised.

Old laws restricting foreign companies are being scrapped. Last month, the government made it easier for them to buy shares and real

estate by abolishing a law dating back to 1916 which required non-Swedes to obtain permission from the public authorities to acquire voting shares or equity every time the purchase exceeded or was increased by 10 per cent of a company's stock.

Swedish companies are also being encouraged to rewrite their articles of association, enabling foreigners to purchase not merely "free" shares but also restricted voting shares, which up until now have enabled Swedish owners to protect themselves from take-over. The government plans to go further and legislate later this year to end Sweden's two-tier share system.

As an estimated 70 per cent of shares traded on the Stockholm bourse are at present restricted, such a change will have a profound effect.

Only a year ago, many observers lamented Sweden's ever-widening investment gap as a sign of the country's de-industrialisation, now it is being viewed as a positive sign.

Andean common market fails to deliver the goods

There are 90m people in the region but governments look elsewhere for trade, writes Sarita Kendall

AFTER TWO frustrating meetings convened to decide on external tariffs for the Andean common market, Bolivia, Colombia, Ecuador, Peru and Venezuela still have not reached final agreement.

Although the heads of state defined four main tariff levels (between 5 and 20 per cent) last December and stipulated that these would come into effect on January 1, 1992, Ecuador still insists on a long list of exceptions.

The December presidential summit accelerated the Andean Pact timetable, largely in recognition of the fact that most members were already opening up their economies as a fast pace in concentrating on trade liberalisation, the presidents virtually buried a broader range of policies designed to promote regional industrialisation and development. But most experts believe that the original programmes - drawn up soon after the pact's foundation in 1969

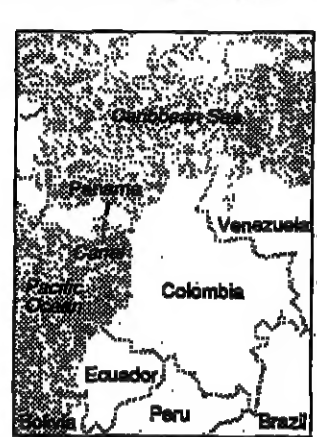
MEXICO and the five Central American republics have moved one step closer to reaching a free trade agreement this year, writes Damian Fraser in Mexico City.

The six countries have set up a technical commission that has 60 days to prepare a rough draft for the treaty. The treaty will be signed some time after the commission reports, perhaps as early as May this year. Mexico signed a free trade agreement with Chile in September last year and is currently negotiating a free trade pact with the US and Canada, and separately with Venezuela and Colombia.

- dated so quickly that if it had not been for the change of plan the pact would have slipped into obscurity.

The integration process was supposed to boost the regional market, promote technology and research, and develop key industrial sectors, according to Mr Germanio Salgado, former head of Ecuador's central bank. "Now there's none of this, no genuine substance or coherence. The common external tariffs are very low, giving no margin of preference," he said.

Trade between Andean Pact members has only represented between 5 and 15 per cent of



the pact's total foreign trade. It reached \$1.2bn (\$680m) in 1991, with Colombia as the biggest exporter, then the crises of the 1980s deepened and intra-regional trade dropped back until 1991, when it rose to \$1.7bn. Colombia was the only economy to expand significantly during the past decade, and its relatively low birth rate ensured a steady increase in per capita income.

Although there are more than 90m people in the region, business and governments are most interested in North American and European markets. The geography of the Andean countries - two seaboards con-

necting the Panama Canal and a forbidding chain of mountains lay through the middle of the region - has also made communications difficult. The private sector, which had little say in the Andean Pact's early programme, attributes slow progress on integration to government instability and changing policies.

But as the pact changes character, the private sector is beginning to take a more active role. "Integration is useful, for all the classic trade advantages - lower prices, competition and so on. We should not be too sorry about the companies that disappear because they are inefficient," said Mr Fernando Navarro, president of Ecuador's National Federation of Chambers of Commerce in Quito. "At least by legalising frontier contraband we shall be leaving an absurd fiction behind us."

In response to the liberalisation process, the Andean Financial Corporation is also reorienting its activities to give support to privatisation and strengthening private financial institutions.

Other regional blocs have proved more dynamic than the pact itself, existing friction among members, for example, Colombia and Venezuela, which are the main trading partners in the Andean region and have the biggest economies, have already agreed on

common external tariffs along Andean Pact lines. Impatient with the delay caused by Ecuador, Colombia and Venezuela also plan to forge ahead with Mexico in consolidating the Group of Three.

Ecuador's plea for special treatment rests on two main arguments - that it is a relatively small and underdeveloped economy and that Ecuadorian industries need to have very low tariffs for certain inputs.

"Metalworking, textiles, plastics and other industries developed on the input substitution model depend on inputs produced in the region. The producer wants a higher tariff for these, so there is a conflict of interest," said Mr Carlos Palacios, Ecuador's under-secretary for trade and integration.

In principle, the common input tariff rises from 20 to 30 per cent according to the degree of manufacture. Negotiations are to continue in two to three weeks' time.

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UK NEWS

Regional gloom dents prospects of a recovery

By Emma Tucker, Economics Staff

PROSPECTS for a recovery in UK manufacturing industry remain weak, with only two regions expecting a "slight" improvement in orders and output over the next four months.

Only the North West and the West Midlands - one of the regions worst affected by the recession - expect a small rise in orders while manufacturing firms elsewhere expect production to fall or remain flat.

The latest findings of the Confederation of British Industry, the employers' organisation, and Business Strategies Limited survey of regional industrial trends add to the bleak picture of the economy painted by the Bank of England in its Quarterly Bulletin. The Bank admitted that the economy was still in recession and did not predict when an upturn would occur.

Although little change in output or demand was expected over the next four months, the survey pointed towards a reshuffle in the fortunes of the 11 regions.

Scotland, which until now appeared to withstand the manufacturing recession comparatively well, expects a sharper than average fall in orders and output.

Scotland also recorded the biggest fall in optimism about prospects. Along with the North, the South East and the West Midlands this severe pessimism was a reflection of the gloomy outlook for exports, said the survey. Overall optimism also declined.

Looking back over the past four months, the steepest fall in new orders was in the West Midlands, Scotland and Wales. Total orders fell in every region - a finding at odds with expectations expressed in the last survey.

More modest falls in demand were recorded in Northern Ireland, East Anglia, and Yorkshire and Humberside.

Job losses in manufacturing industry as a result of falling output were reported across the UK. The fastest rate of decline was in the South East with East Anglia and the North West close behind.

Ozone threat prompts UK to act by 1995

By Clive Cookson, Science Editor

The UK will stop making ozone-destroying chemicals by the end of 1995, the Department of the Environment and ICI - the country's largest chemical manufacturer - said yesterday. That is two years ahead of the current EC deadline of 1997 and five years ahead of the internationally agreed Montreal Protocol.

The UK commitment matches the announcement by President Bush on Tuesday that the US would stop producing chlorofluorocarbons (CFCs), the chemicals causing most damage to the earth's protective ozone layer, by the end of 1995.

Both countries are accelerating the phase-out of CFCs in the light of alarming new evidence that the upper atmosphere is losing ozone far more rapidly than scientists had realised previously. An "ozone hole" may appear over densely populated regions of the northern hemisphere, letting in harmful ultraviolet radiation from the sun.

But the environmental groups Greenpeace and Friends of the Earth said yesterday that it was not enough for the UK just to echo the new US timetable. Ms Tracy Heslop of Greenpeace called for an immediate ban. "All John Major has to do is pick up the phone to ICI to stop the production of ozone destroyers," she said.

Mr John Beckett, who is managing ICI's phase-out of CFCs, said an immediate halt was not practical because many users still had no available substitutes for CFCs. ICI halved CFC production from 80,000 tonnes in 1986 to 40,000 tonnes last year, and the company has committed £200m to development and manufacturing of alternatives.

People are still not taking the CFC phase-out seriously enough, according to Mr Beckett. "We at ICI have had a free CFC-recycling and recovery scheme for some time and we're very disappointed at the response," he said.

He added that ICI's new plant at Runcorn in Cheshire, which produces a non-ozone destroying substitute for CFC coolants, was running below full capacity.

Mr Heslop said that it would be the duty of European inspectors to check that monitoring procedures were scientifically credible and technically effective, and that samples were taken regularly.

Other environmental issues to be given priority during the British presidency would be the regulation of waste movement, 2002 directives and integrated pollution control, Mr Heslop added.

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Party lines rob electors of rational debate

Politicians struggle to avoid gaffes in the pre-election campaign, Phil Stephens reports

THE FIRST casualty of elections is rational debate. Between now and April 9, the date most observers believe the prime minister favours, ministers and their opposition 'shadows' have a single priority: they must stick to what their respective leaderships decree is the party "line".

The political imperative is that all the prominent figures speak with precisely the same voice. The content of their pronouncements becomes of secondary significance. There must be no splits, wobbles or divisions. For the next eight weeks party strategists and journalists will do little but scan every spoken and written word for such gaffes.

Yesterday the pre-election campaign was again in full swing. The Conservatives launched a sharp attack on the Labour Party's plans for education in Britain, accusing them of reversing the drive towards higher standards, saying that the result would be to turn children into dunces.

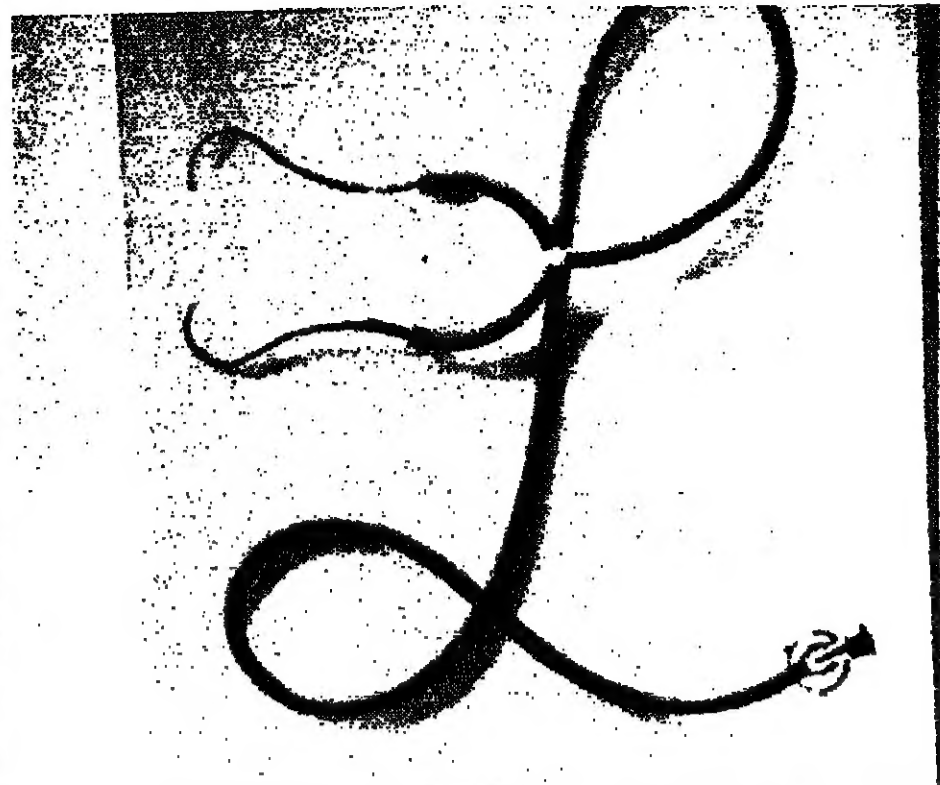
Labour, meanwhile, accused the government of "fiddling" the books to prove that they had cut waiting lists for hospitals. Labour says that the number of patients removed from lists without treatment has risen by 82 per cent.

As the search for embarrassing gaffes continues, Labour is most obviously vulnerable. The Conservative assault on its tax and spending policies took off because some of the shadow chancellor's colleagues were heard playing slightly different tunes.

Mr John Smith would prefer a "rapprochement" - at least until after the Budget on March 10. His strategy has not won universal approval in the shadow cabinet. In any event neither he nor his colleagues can escape the questioning of the media.

Inevitably variations show up in the textual analysis. This was underlined again this week by Labour's deputy leader Mr Roy Hattersley, in his comments on the top rate of tax. Differences of emphasis can become transformed into behind-the-scenes rows and personality clashes. Party strategists argue for more rehearsals. Mr Smith is under pressure to simplify Labour's tax and spending pledges and re-issue them on a single sheet of paper.

Discussion on the Labour front bench about possible changes to the way public borrowing is treated in the national accounts has been similarly troublesome. There is a perfectly good argument for adjustments to the present conventions. No



don't privatise

Labour's Robin Cook, Jack Cunningham (centre) and Harriet Harman turned their attention to health yesterday as the parties continued their pre-election campaigns

private company could treat, as the government does, the receipts from asset sales as negative current spending. But senior Labour strategists have decided that however coherent the case for change, it is better to try to suppress the debate. They find it too easy to see the headlines declaring

"Labour plans to fiddle the books". The Conservatives have proved more adept. The daily co-ordination exercise between the five ministerial musketeers led by Mr Richard Ryder, the government's 'chief whip' in charge of party discipline, is repaying its initial investment.

It is not hard to imagine that the question will be put directly to Mr Major and Mr Kinnock over the next few weeks; or that both will answer that they would not dream of increasing domestic heating bills or, like the Liberal Democrats, putting 50p on the price of a gallon of petrol.

So who loses from this widening gap between private reality and public pledges? In the first instance it is the voter who is denied the rational debate. But perhaps the bigger loser is the winner of the election. Mr Major and Mr Kinnock are busy making their own straight-jackets.

Britain to use EC role to check green legislation

By Bethan Hutton

ESTABLISHING an audit inspectorate to check implementation of EC environmental legislation will be one of Britain's priorities during its presidency of the EC, the government indicated yesterday.

Mr Michael Heseltine, environment secretary, told the House of Lords select committee on Europe that a Europe-wide inspectorate was needed to provide a "level playing field" with common environmental standards.

He said it was needed to make sure all signatories to directives were fulfilling their obligations. Mr Heseltine said the idea was backing at his meeting with the European Commission last month.

The proposed inspectorate would oversee national environmental inspectorates in member states. It would be modelled on the European fisheries inspectorate, which employs a small team of inspectors.

Mr Heseltine said that it would be the duty of European inspectors to check that monitoring procedures were scientifically credible and technically effective, and that samples were taken regularly.

Other environmental issues to be given priority during the British presidency would be the regulation of waste movement, 2002 directives and integrated pollution control, Mr Heseltine added.



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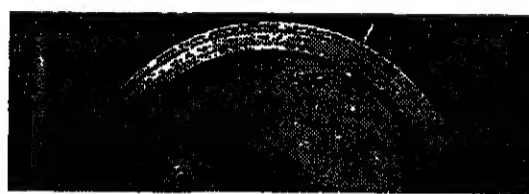
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UK NEWS

UK lawyers criticise legal aid reforms

LORD MACKAY, the Lord Chancellor, stood firm yesterday in the face of a mass meeting of lawyers protesting at government plans to overhaul payments for legal aid work in Britain's lower courts, writes Robert Rice.

The lawyers criticised Lord Mackay, the country's most senior law officer, over plans to introduce fixed fees rather than hourly rates for legal aid, the state-funded payment to lawyers representing defendants in criminal cases who cannot afford legal costs.

The Lord Chancellor told 2,000 lawyers gathered in Central Hall, Westminster: "Only those who do not have to face the harsh realities could believe that any publicly-funded legal service could be provided without regard to price." He made it clear he would not be intimidated by threats of strike action.

Mr Alastair Logan, the solicitor who represented two of the Guildford Four, said fixed fee proposals, coupled with below-inflation increases in fees, represented a "life-threatening attack on legal aid."

The planned fixed fee system would benefit solicitors by speeding up payments and reduce administration costs, Lord Mackay said.

Government faces calls to simplify fraud cases

By David Owen, Robert Rice, Richard Donkin, and John Mason

PRESSURE on the government to find a solution to the problems of complex and unmanageable fraud trials increased last night when the Labour opposition announced it would streamline the role of the various agencies with fraud-related responsibilities.

A Labour government would also consider appointing specialist legal advisers to juries involved in complex fraud cases and would also consider giving prosecuting authorities the opportunity to choose between civil and criminal proceedings, Ms Marjorie Mowlam, the party's City affairs spokeswoman said.

It would not, however, move to end jury trial in fraud cases, she said, as this would undermine "basic civil rights".

Ms Mowlam argued that there was much duplication of effort among the various bodies with fraud-related responsibilities, including the Serious Fraud Office (SFO), the Crown Prosecution Service, the Department of Trade and Industry, the City self-regulatory organisations and the Stock Exchange.

The SFO confirmed it was pressing the government for its officers to have interviewing



Mowlam: seeking reform powers consistent with those of DTI inspectors.

Some of the biggest SFO prosecutions, including the Guinness and Blue Arrow cases, have had to rely heavily on DTI inspectors' reports. Giving these powers to the SFO could speed up the time spent preparing cases for trial.

Mrs Barbara Mills, the outgoing director of the SFO, is also known to believe that preliminary hearings prior to fraud trials could be improved.

In the Commons, Mr John Redwood, corporate affairs

minister, refused to comment on individual cases but confirmed that Lord Mackay, the Lord Chancellor, was reviewing court procedures.

Mr Redwood assured the House that the government would take "every action to bring villains to book".

Earlier, Lord Mackay had acknowledged the need for urgent attention to be given to the issue but had warned that there was no easy solution.

He said he agreed with the comments made by Mr Justice Henry when the second Guinness trial collapsed.

The trial judge said: "We must find a cheaper and quicker way to deal with serious fraud trials, and the likelihood is that we shall need a radical solution rather than merely tinkering with existing procedures."

Pressure on the government to act is likely to increase further later this week when the year-long Blue Arrow trial ends. The jury is still considering its verdicts, having been sent out on Tuesday morning.

With costs estimated at around £40m, Blue Arrow is by far the most expensive criminal prosecution ever brought in the UK.

firms of solicitors were involved. Their costs alone could come to around £1m. The length of the case means all the lawyers will have to put in special bills.

For the lawyers, the length and detail of the trial turned the case into an intellectual tour de force. "Every part is magnified by a factor of ten from one's normal experience," said Mr Timothy Barnes, the Crown's prosecuting counsel. His opening speech took 44 hours, his closing speech 38 hours.

The jury, praised by Mr Justice Pott, for their "quite remarkable care, attention and patience," watched the seasons change outside. One of 12 fell out after a few weeks. Had another been forced to withdraw, the trial would have had to be held again. They saw a flasher, chased by a policeman, tumble to his death off the top of the carpark. And they listened and looked at their screens.

The question of their ability to absorb all the evidence for the prosecution, 158 witnesses and 116 statements, and for the defence 28 witnesses and six statements, has quickly been posed.

Mr Carnell said Mr Kellard wanted to appeal. The Court of Appeal will be asked to consider: can a court ever be sure the jury has assimilated the facts, how can you be sure they have taken into account the evidence of October 1990 and been able to balance it off against the evidence they heard in October 1991?

Verdict on the longest trial of all

THE courtroom is being dismantled. The computer screens have gone. Eleven jurors have been left to pick up the threads of their lives. The lawyers have moved on to other cases. The UK's longest criminal trial is over: 17 months to reach the point of verdict.

The state paid for the investigation. The state paid for the prosecution. It paid for the legal aid system, for the greater part of the defence. The only thing for which it did not pay was the loss suffered by the victims of the fraud that led to the case in the first place.

This was the Britannia Park fraud case. It was heard in two offices specially converted and joined together on the top floor of Nottingham Crown Court.

"We invited the prosecution and defence counsel to come to an empty room and say what they wanted," recalled Ms Elizabeth Folman, the East Midlands courts administrator. And they chose tables and chairs and half a dozen computer screens for the jurors. A "portacourt" was brought in to give the judge, Mr Justice Potter, a bench.

Here, with a view of a multi-storey carpark, the immediate future of Mr Peter Kellard, fellow directors and business associates of Britannia Park was played out. Mr Kellard and three other directors are starting prison sentences this week of up to four years.

It was a successful prosecution. "It is always worth it if you're bringing wrongdoers to

The problems caused by long and complex trials have been highlighted this week by the collapse of the second Guinness case and by the imminent end of the year-long Blue Arrow trial. Paul Cheeseright, Midlands Correspondent, reports on the costs and strains of the longest trial of all, which ended in a Nottingham court last week.

justice," said Assistant Chief Constable Don Dovaston of Derbyshire police, which interviewed 330 witnesses in the UK and around the world between 1986 and 1989, compiling 5000 pages of statements and obtaining 2600 documentary exhibits.

When the police came into the case, following the £9.34m collapse of Britannia Park, they found a theme park designed to honor UK achievement which, although opened to the public, was only partly built. Their inquiries enlarged rapidly to encompass fraud.

"More than one person has said the case was as serious as Guinness One (the first trial involving the Guinness takeover of Distillers), but more complex," noted Mr Bernard Carnell, a partner in Offenbach and Co, the London solicitors which acted for Mr Kellard.

But cracking open the case showed the system under strain. "Nobody would argue with the proposition that the system finds it difficult to cope with these complicated issues," observed Professor Michael Levi, of the University of

Wales, who is examining the conduct of fraud cases for the Royal Commission on criminal justice.

The strain was evident both during the investigation and during the trial. Mr Dovaston explained that a squad of 10 officers had to be set up, drawing in those from the Derbyshire police with fraud experience. But the complement increased to 40 when arrests were imminent. According to the inspector of constabulary, the problem for the Derbyshire police was that the force had been underfunded for the past nine years. Britannia Park swallowed resources.

So did the trial. The Lord Chancellor's Department has a national figure of £1,900 a day to cover the basic accommodation cost and the expenses of judge and jury. That would mean that just holding the trial cost almost £500,000. But the Crown Prosecution Service has calculated that its spending on lawyers has cost up to £1m. The legal aid bills have yet to arrive.

All but one of the five defendants received legal aid. Seven

Rail unions launch anti-privatisation drive

TWO of Britain's rail unions yesterday entered the pre-election campaign with a warning that rail privatisation could cut services in government-held marginal constituencies, writes Catherine Milton.

The £70,000 campaign by the RMT and TSSA will urge voters in 82 parliamentary seats where the Tories have slim majorities not to vote for candidates who support privatisation.

The campaign began yesterday with the

distribution to all RE employees of a leaflet setting out the unions' view of what privatisation will mean to them.

Mr Jimmy Knapp, general secretary of the RMT transport union said the Conservative Party was planning to include rail privatisation in its election manifesto: "We know that the privatisation of British Rail will result in the destruction of much of our rail network."

"There will be closures of lines, fewer

trains, much higher fares and when the drive for profit takes over safety margins will become degraded and narrower."

He said privatisation would drive passengers away from trains and lead to further congestions on roads. Privatisation threatened the jobs of a third of RMT members, some 40,000 rail staff.

Rejecting the claims, Mr Malcolm Rifkind, Transport Minister, said privatisation would lead to railway expansion.

BRITAIN IN BRIEF



'Dirty tricks' allegations erupt again

FEARS about pre-election "dirty tricks" have resurfaced after it emerged that academic files were rifled last year at the University of Wales, Cardiff, where Mr Neil Kinnock, Labour leader, studied. The university confirmed that burglars had scattered files on other students across the floor during a break-in on October 8. However neither the files on the academic record of Mr Kinnock, or his wife Glenys, appeared to have been tampered with.

Mr Kinnock studied history and industrial relations at Cardiff in the early 1960s. The disclosure added to speculation at Westminster that thieves might be trying to obtain background information on senior politicians. Conservative, Labour and Liberal Democrat MPs have all suffered break-ins at Westminster and constituency offices.

Confidence dropping

Confidence in the recovery of the commercial property industry has diminished during the past three months, according to a survey by Gallup, the research group.

More than half the property companies and funds questioned did not expect an upturn in the market for at least one to two years. The survey found that 64 per cent of respondents believed conditions would improve and 9 per cent believed they would worsen. Last October 75 per cent of respondents thought conditions would improve and 3 per cent thought they would worsen.

Repossessions rise sharply

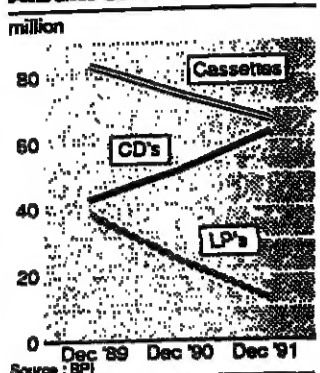
The Labour Party has claimed that mortgage statistics to be released by the Council of Mortgage Lenders today will show that 78,000 homes were

repossessed in 1991, up from 44,000 in 1990. Figures leaked to the party were said to indicate that 270,000 households were more than six months in arrears at the end of December 1991, an increase of 50,000 on the figure for the end of June. At the same time, Labour published new research showing that homes empty because of mortgage repossessions now outnumber homeless families in temporary accommodation in every region of England except London. There are 220,000 empty homes on the market left unsold by the housing slump, according to Labour.

CDs outsell LP records

Compact discs outsold long-playing records by almost five to one in the UK last year, according to provisional figures compiled by the British Phonographic Industry (BPI). Phonographic industry vinyl albums by only two to one. Music companies have been

Album sales



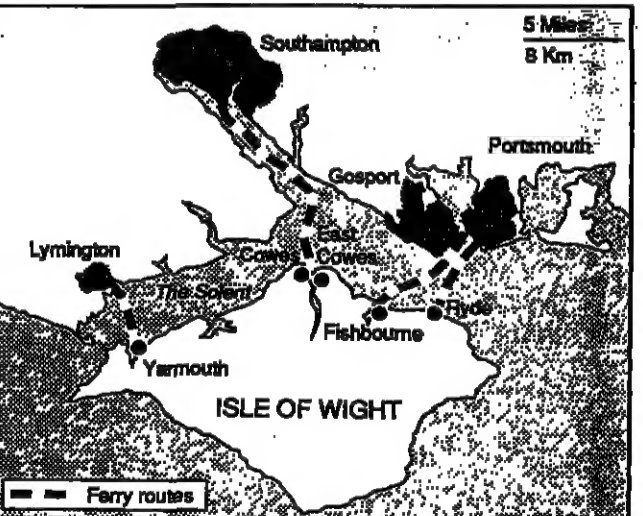
reducing the number of titles available on vinyl and WE Smith, the retailer, announced earlier this year that it would stop selling long-playing records.

Music companies and record stores say their decision to limit vinyl sales reflects growing consumer preference for CDs. Mr Rupert Perry, UK managing director of EMI Records, said: "If the consumer was still interested in vinyl, we would continue to put it out."

PowerGen to get concession

Professor Stephen Littlechild, the electricity regulator, is to allow the generator PowerGen to sell more power directly to large electricity customers.

His ruling, which follows an equivalent decision in favour of the generator National Power last week, will mean PowerGen can sell to more customers without going through one of the 12 regional electricity companies.



Ferry operators on services to the Isle of Wight - labelled the world's most expensive route by aggrieved islanders - have been cleared by the Monopolies Commission of acting against the public interest. The watchdog said the services did not abuse UK monopoly rules.

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1991, up from 1. Figures for 1991 were said to include 1,000 households in six months to the end of December 1991. The end of the year time. Labour research shows empty homes in some areas are no longer available for accommodation. There are many homes on the market, according to

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EVERYONE

BUSINESS LAW

Gulf war aftermath highlights risks of performance bonds

By John Featherstone

The economic fallout from the Gulf war has emphasised the inherent risks in performance bonds which are used in international trade.

These bonds were designed to be easy to call on - but there is always the corresponding danger that banks and British suppliers may have to honour calls for repayment which are based on false statements made by purchasers. Once a bond is in place, the law can do little or nothing to prevent payment, no matter how unfair this may seem.

The current political situation in the Gulf, combined with the number of British companies supplying goods to Iraq and involved in the ambitious Iraqi building programme before war broke out, make it likely that a disproportionately large amount of capricious claims will emerge from Iraq.

After the invasion of Kuwait the UK government, along with the European Community and the US, imposed sanctions on Iraq, and these included the prohibition of payment under performance bonds to Iraqi residents. Many British suppliers must have been relieved that those who had failed to meet commitments as a result of the

Gulf war would not have to fund payment under the bond as long as sanctions were in place.

However, once the sanctions are lifted, the banks will have to pay if they receive a demand that meets the requirements of the bond, whatever the circumstances. For this reason, banks must continue to safeguard their right to claim a counter-indemnity from suppliers.

Suppliers have therefore found to their cost that banks are, quite legitimately, not releasing security while there is a possibility that they may have to make a payment under a bond. This possibility will remain unless a demand under the bond is withdrawn or - and this is most unlikely - unless the UK enacts further legislation to absolve suppliers and their banks from liability to Iraqi banks and purchasers, in appropriate circumstances.

Current sanctions prevent all payments under performance bonds with Iraq - even those called justifiably, in connection with events or defaults by suppliers before the hostilities. Once sanctions are lifted, suppliers who defaulted prior to hostilities will clearly not have

grounds for complaint when payment has to be made.

But more worryingly, some suppliers are bound to be victims of unjustifiable calls: in addition, suppliers who are unable to meet their contracts because of the hostilities will nevertheless be expected to pay if they receive a call.

In order to understand the potential weaknesses of performance bonds more fully, and to consider how to avoid capricious calls, it is necessary to consider how the bonds work.

As a rule, a bond is issued by a bank at the request of its customer - the supplier - who is selling goods or services to a purchaser, usually based in another country. The bond is normally issued in favour of a purchaser's local bank, so that he can pursue any claim in his home country.

The supplier agrees to indemnify his bank against any payment it might have to make as a result of the bond. The supplier's bank then asks the local bank to issue the bond and provides it with a similar indemnity.

This contract between the two banks may contain a pitfall for suppliers: depending on how the bond is negotiated, the contract may be governed by

the law of the local bank. This is to be avoided if possible, as it may leave suppliers uncertain as to how any dispute might be resolved.

The underlying contract between supplier and purchaser will almost certainly provide that, if the supplier defaults, the purchaser can call on the bond. He can do this by making a simple demand for repayment and, if required, by producing relevant documents. It is important to bear in mind that the purchaser does not need to prove any allegation of default.

When the purchaser makes a demand, this sets off a chain of indemnity. The local bank is obliged to pay the purchaser, triggering the local bank's call on the supplier's bank, and the supplier's bank's call on the supplier. The banks are not concerned with any dispute as to whether the supplier is in breach of his agreement with the purchaser. A bank which fails to pay without good cause can suffer immense damage to its international reputation. The purchaser is not usually

required to give reasons for his demand, apart from, in some cases, a statement that the supplier is in breach of obligations to the purchaser, or that the purchaser has asserted such a breach. This means that unscrupulous purchasers can demand payments from the bank or local bank, even if there has been no breach of the underlying contract. Indeed, some purchasers regard the calling of performance bonds as a legitimate way to obtain a discount.

To avoid being outmanoeuvred in this way, suppliers should ask their banks to include wording that requires the purchaser to substantiate his complaint. However, some purchasers and local banks make an outright refusal to accept anything other than the traditional wording.

Ideally, purchasers should be required to make a series of detailed statements and to produce documents in a given form. This should discourage some from making false statements. Those not so deterred will at least be committed to a stated position which may be of use to the supplier in any

subsequent legal dispute.

However, the use of a fuller demand still does not require banks to check the truth of the statements or to refuse payment because they might be false. The sole exception occurs in all cases when the bank has manifest evidence of fraud - but such evidence is hardly ever available and the bank cannot be expected to adjudicate between the parties.

If sanctions against Iraq are lifted, it is most unlikely that a supplier will be able to enlist help from the English courts to prevent payment under the bond, even if he cannot now perform his side of the underlying agreement because of the Gulf war.

Some have suggested that a supplier could invoke the legal doctrine of frustration by claiming that the Gulf war had made it impossible for him to fulfil the underlying contract, thereby discharging the obligation between himself and his bank, or between his bank and the local bank.

This ploy is unlikely to work, however. As a matter of law, the doctrine of frustration is not invoked by hardship, inconvenience or material loss. Instead, it focuses on any change in the significance of a contractual obligation. Since the obligations under the contract would be irrelevant to argue that the contract itself had been frustrated by the hostilities. It is difficult to see any circumstances in which the obligations imposed by the bond could be avoided by frustration or otherwise as a result of the Gulf war.

There is also the wider concern that London should continue to be seen as a world financial centre in which bonds will be honoured, come what may, without government interference. If obligations under bonds to Iraq were discharged - albeit due to exceptional circumstances - this reputation would be tarnished.

The lesson to be drawn for the future is that suppliers whose customers ask them to take out a bond should consider the ramifications carefully and take good advice. Those who already have bonds in place with Iraq can only hope for the continued protection of sanctions.

It is interesting to note that current sanctions against South Africa apply only to trade in military equipment, broadly speaking. It is unlikely that payment under performance bonds will be singled out for special treatment and continue to be prohibited, if the government should choose to modify its objective of preventing the inflow of capital to Iraq.

The author is a solicitor with City firm Lovell White Durrant.

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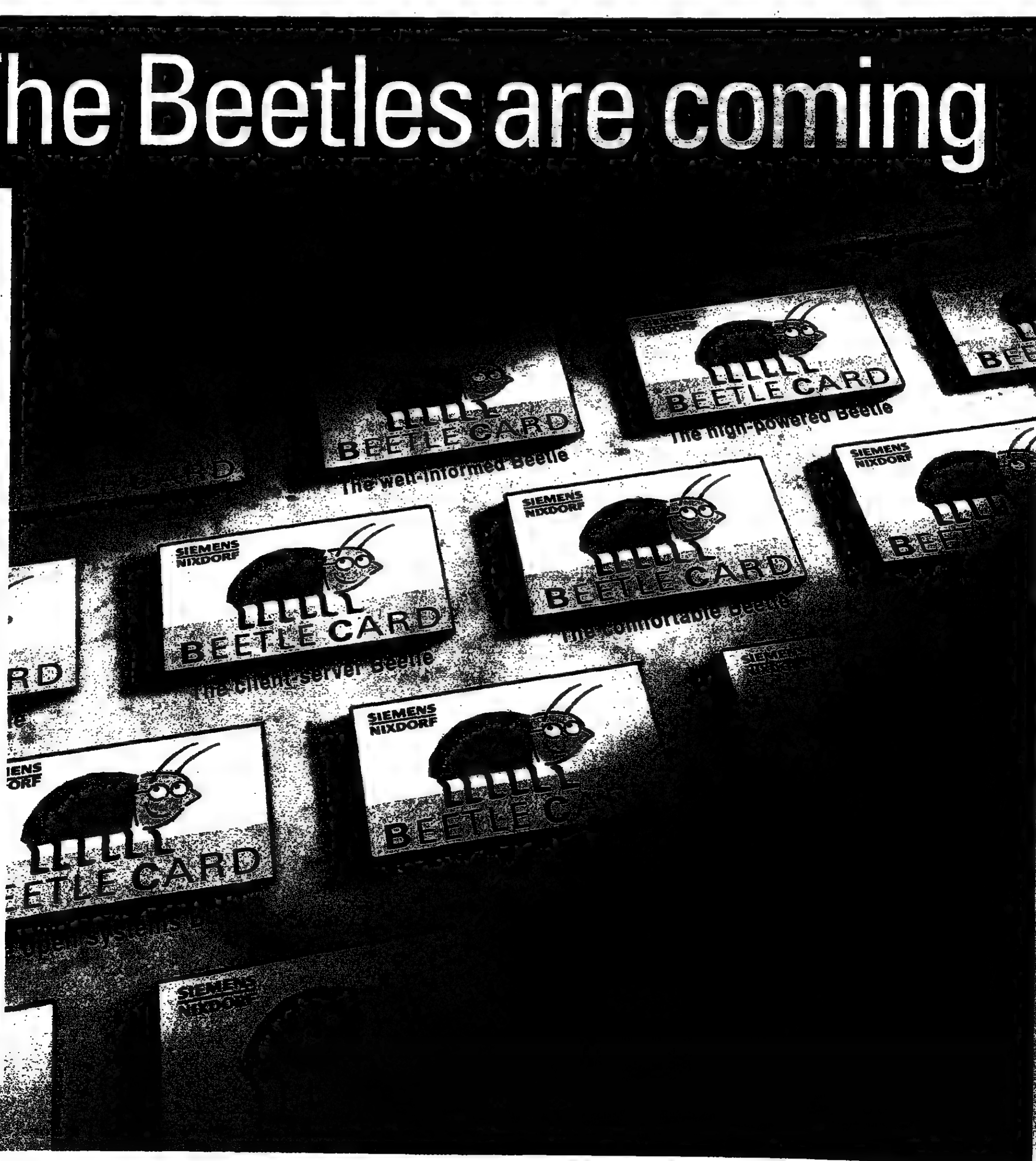
That's not all: the Beetle card is a multi-functional storage medium no larger than a cheque card. Whether it's data security, system access controls, auditing or individually tailored branch software that's needed, just insert the card - and this new cash register goes to work doing whatever the retailer needs.

What is more, the Beetles come with three different types of printer. Which, altogether, makes the Beetle the most versatile piece of hardware for the retail market.

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Synergy at work



MANAGEMENT: Marketing and Advertising

Swallowing Popcorn

Gary Mead peers into the future with a trend spotting guru

ANYONE who chooses to change their surname to Popcorn risks not being taken seriously. And if the first name is Faith, and the business is commercial futurology, then surely all hope is lost?

Not so fast. Faith Popcorn is the author of *The Popcorn Report* which has sold 80,000 hardback copies in the US. Popcorn's marketing advisory service, *BrainReserve*, has been employed to spot consumer trends for almost 20 years for big-name clients such as American Express, AT&T, Colgate-Palmolive, IBM, Philip Morris and Procter & Gamble.

Popcorn's book, now published in the UK, is a distillation of her marketing gambits, a gaudy collection of invented terminology wrapping up both real and fool's gold.

Stuart Bull, chief executive of the advertising agency KBBB (part of Saatchi & Saatchi group), says the book's "good common sense" suggests are heavily disguised by "PopSpeak", the illusion that putting two words together and retaining their initial capitals gives a thought proprietary

promises. One of *BrainReserve*'s formulations is "Advernews: A future customised newspaper, printed off your home computer screen". Others include "Foodaceuticals: A new food industry... Food, beyond simple nourishment - with medicinal qualities..." and "Trendbending: The process of reshaping a product, business, or idea to the trends."

According to Popcorn, the book deals not just with current fashions but also future spin-offs: "It's designed to give you a quick picture of the future so you can understand your present. It's like driving around at night without your headlights on. We just turn the headlights on."

So what are some of her views of the future? She says that "virtual reality", that form of computer technology which gives its user a three-dimensional feel, will displace



Faith Popcorn: "I couldn't ever tell a client to do something that wouldn't be good for business, it would be unfair"

traditional supermarket shopping. She believes that consumers are becoming so enraged with allegedly socially irresponsible companies that they will be drawn towards competitors which offer added values, such as a healthier "corporate soul", meaning acknowledging mistakes and making themselves more publicly account-

able. She thinks "Cause Marketing", whereby companies vouchsafe charitable donations when consumers make purchases, will expand. These ideas are hardly novel: Stuart Bull published an article on the impact of virtual reality technology - in 1973. Popcorn says that "Cocooning", perhaps her best-known formulation, and

one which is arguably a real contribution to the marketing lexicon, is already with us: people are increasingly concerned to buy products and services which protect them from the harsh and unpredictable realities of the outside world. Some other trends she identifies are:

looking for products and services which add spice to mundane existence.

● Small indulgences: small-scale luxuries which massage bruised selves.

● The vigilant consumer: whose pressure will manipulate marketing managers to re-think business ethics.

Alongside the identified trends are many prescriptive philanthropisms, one being that companies should begin to appoint children to their boards. "Children are very nervous about their future and I think they should have a vote. Kids should be on the boards that dictate and pollute their future," says Popcorn.

But is IBM, whose current corporate soul Popcorn thinks is "not too great", likely to appoint a child as a non-executive director? "Did we ever think that children would write to Tony O'Reilly and make them (Heinz) stop using drift nets to catch tuna? The kids wrote to him and he stopped."

Then everyone follows. Maybe someone like Anita Roddick (of the Body Shop) will put a child on the board.

The book boldly states that the most important message for marketing in the 1990s is that we should be hopeful that tomorrow will be better than today. But that is of little practical help; according to Bull, what is fundamental to trendspotting is "gauging the underlying level of consumer confidence".

Moreover, polishing a company's ethics ignores one basic obstacle: marketing managers have as their raison d'être the principle "sell more", which is rather difficult in a slump.

But even in PopSpeak, some traditional values remain. "We think 'doing the right thing' will be good for business. I couldn't ever tell a client to do something that wouldn't be good for business, it would be unfair. We really believe it sells product. The bottom line is about selling product." That's good old fashioned faith.

The Popcorn Report - Revolutionary trend predictions for marketing in the 90s; published by Century, £14.95.



Pioneering spirit at the corporate karaoke session

Singalonga Matsumoto

One night, as he mingled with other Tokyo businessmen intent on forgetting their worries with a drink and a song, Selya Matsumoto, president of Pioneer, had a thought that was to alter the course of his company's history.

The head of the Japanese audio company had been joining in a sing-along when he noticed a drawback to the conventional karaoke format using audio tapes: whenever someone asked for a song, everyone had to wait until it could be found.

Matsumoto's experience led Pioneer to develop systems for karaoke using laser discs, a move which was to mark the first significant success for the group in its plan to become a diversified consumer electronics group and establish its place in the growing market for audio visual products.

Since the early 1970s, Pioneer had been hoping to expand out of the specialist audio market.

Although it had been producing TVs and experimenting with VCRs, Pioneer was already well behind its bigger, stronger competitors which dominated the market.

Pioneer was a small fish in the consumer electronics world and it was looking for a new product with added value to give it a leading edge.

The laser disc provided just that. A digital video disc that combines the high quality sound offered by digital recording with the improved picture quality and the random access capability of laser technology, the laser disc was a new medium which seemed to offer a wide range of applications.

Although originally invented by Philips, the Dutch company failed to market the laser disc, which it called the CD-V, as a

successful consumer product.

The problem, as with many entirely new technologies, was finding a use for the laser disc that would justify the high cost for consumers of investing in the hardware.

Pioneer's initial attempts to repackaging existing software, such as popular films and music, and producing practical guides to golf courses and educational material, met with little success.

Rather than give up, as many others did, Pioneer forged ahead. It was years after it started developing the laser disc that it stumbled, almost by accident on the application that would win wide consumer acceptance. As a result of its success with laser disc karaoke, Pioneer has achieved an important objective - to build the group into an audio-visual company.

Its involvement with the laser disc has supported other new products such as the projection cube which combines several 40-inch projection monitors for large public display video screens. Pioneer, however, now needs to win wider acceptance for its laser discs in western markets, which will mean developing software appropriate to a western audience.

It plans to do this through straightforward marketing, rather than by following other Japanese electronics manufacturers into acquisitions.

Another challenge is to find an alternative application for the laser disc that will attract widespread consumer demand before the karaoke boom dies out. If it waits too long, the appeal of laser karaoke could be overtaken by interactive media being developed by competitors.

Michio Nakamoto

White Horse shows a lot of bottle

Philip Rawstone reports on efforts to promote Scotch whisky

United Distillers, the

Glenlivet spirits company, sold more bottles of its White Horse Scotch whisky in Japan in the final quarter of 1991 than in the preceding nine months.

It was the first evidence that a £2m, three-year investment in repackaging the product was paying dividends.

For more than 100 years, White Horse has been one of the industry's leading brands. Sir Peter Mackie, the Scottish distiller who launched it in 1890, gave it a distinctive taste by using three particular malts in the blend - Lagavulin from Islay, and Caigellach and Glen Riga from Speyside.

At a time when most distillers branded their products with their family names, he

also distinguished his whisky from competitors by naming it after an Edinburgh tavern.

The White Horse brand rapidly gained popularity and today, Mackie's original blend is one of the top 10 Scotch whisky brands, with total sales of 2m cases a year in about 100 countries.

The brand, part of UD's portfolio since the takeover of DCL in 1986, occupies different positions in several markets. In the UK, for instance, it is a "value-for-money" brand, priced between UD's market leader, Bell's, and the cheaper

Vat 69. In Japan, White Horse leads the premium blended sector, selling at ¥3,900 (£13) a bottle compared with Johnnie Walker Red, Only Six and J&B, at about ¥3,500.

But UD's global marketing, with local adaptations, has been based on the brand's long-established appeal to consumers. Advertising campaigns have focused on the distinctive taste of the whisky and the image of freedom and independence conveyed by wild white horses.

Three years ago, however, signs of a weak link in the

marketing mix emerged from consumer research in all the White Horse markets from Japan to South Africa and South America.

David McNair, UD's brands director, says: "The consistent message coming back to us was that the packaging no longer did full justice to the brand."

The bottle - a standard design in clear glass - and the labelling had been largely unchanged for 80 years. They were seen as outdated, no longer reflecting the brand values conveyed by the advertising.

New designs were developed and consumer reaction to them was researched in the UK and other European countries, Japan, South America, and South Africa.

One design - a squat, slightly bell-shaped bottle - won approval for its distinctive and contemporary appearance in every market but one. Japanese whisky drinkers overwhelmingly plumped for an alternative: a tall bottle with a short, angular neck.

The importance of the Japanese market persuaded UD to introduce the preferred design

last September. The rise in sales that has followed may exaggerate the effect of the change, but there is no doubt the initial impact on the market has been considerable.

In the UK and other world markets, the brand will be progressively re-launched this year in the short, squat bottle, with a crisper, cleaner look to the labelling.

UD's bottling lines in Glasgow have been modified and every aspect of the design has been rigorously tested from its appearance on a supermarket shelf to its ability to withstand the roughest handling.

The grooming of the White Horse has been a long, painstaking, and expensive business but UD believes it will have greater appeal to consumers worldwide as a result.

Weekend FT

You obviously know "how to make it" - you're reading the weekday FT.

At the weekend however your attentions turn to other things, as indeed do ours. Having "made it", how for instance do you best "look after it?" Well, Weekend FT's "Finance and the Family" pages cast an expert eye on all aspects of personal finance.

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Along with the more serious business of "looking after it" we focus our minds on how to enjoy it, or in Lucia van der Post's case, quite unashamedly "How to Spend it" - on which, incidentally, she's never short of ideas. Our property pages feature, along with some sound advice, many of the most interesting homes on the market.

How to make it. How to look after it. How to spend it.

We get out to the exhibitions and auctions, out for a test spin with Stuart Marshall behind the wheel, out in the garden with Robin Lane Fox and more often than not with Jancis Robinson we're out in the vineyards of France or Italy or wherever her expert nose leads her.

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TECHNOLOGY

Cesar in charge of the crew

Every time an Air France flight is delayed or cancelled an amazing back-room operation swings into action.

Using pen, paper, scissors, pins and glue a team of people works to redesign the airline's six-month flight crew rota - trying to make optimum use of cockpit and cabin staff while obeying the safety and other regulations and agreements.

In an effort to improve efficiency and save money by using crews more effectively, Air France asked Cap Gemini Sogefi, the European computer consultancy group, to help build a system to handle the staff rota. The project was nicknamed Cesar.

Using its Kads (knowledge acquisition and design support) software development tool, CGS's research and development unit, Cap Gemini Sogefi, set out to build an expert system which would model the decision-making process.

Three years later Cesar is almost ready to go into operation and will be handed over at the end of May. To meet the operational demands of the airline it has to guarantee short response times and 24-hour availability.

When it is fully operational Cesar will do the work of 30 people and produce "an optimised" updated rota within 10 minutes instead of the three hours it took to do manually.

The system will run on a local area network comprising 2 Vax workstations and servers connected to an IBM 3090 mainframe. It will have cost Air France FF40m (\$4m) with about half of that being spent on hardware.

Dominique Sylvestre, CGS project manager for Cesar, said Air France was expecting to recoup the cost within three years through savings made by using flight crews more efficiently. Air France is hoping to sell the system to other airlines or transport organisations such as railways.

Cesar is one of a number of customer applications to emerge from CGS Innovation's FF600m-a-year R&D programme, which includes more than 30 EC research projects.

Paul Taylor



THE next race for European Community research funding has begun. On Tuesday, the EC's 17 commissioners agreed an overall Community budget for the next five years which will be worth Ecu80bn (\$61bn) annually for renewal in 1997. A chunk of this cash - some Ecu6.9bn - will be available for "internal policies", including research and development.

Exactly how it will be spent has yet to be decided - the Community is only just getting round to handing out the Ecu 5.7bn earmarked for the 1990-94 programmes. But according to Martin Collins, a former EC project manager and author of a new book* on applying for EC research funds, companies should act now if they want to influence the European Commission's research policy.

"Now is the perfect time," says Collins, who works in Brussels for Doornheim Devries, a technology consultancy. "The officials are just sitting down to think about it and they'll be calling together all sorts of technical groups to discuss the programmes in the next few months."

EC research and technology funding is available principally through the "framework programmes", aimed in theory at cross-border consortia carrying out pre-competitive research - projects with long lead times.

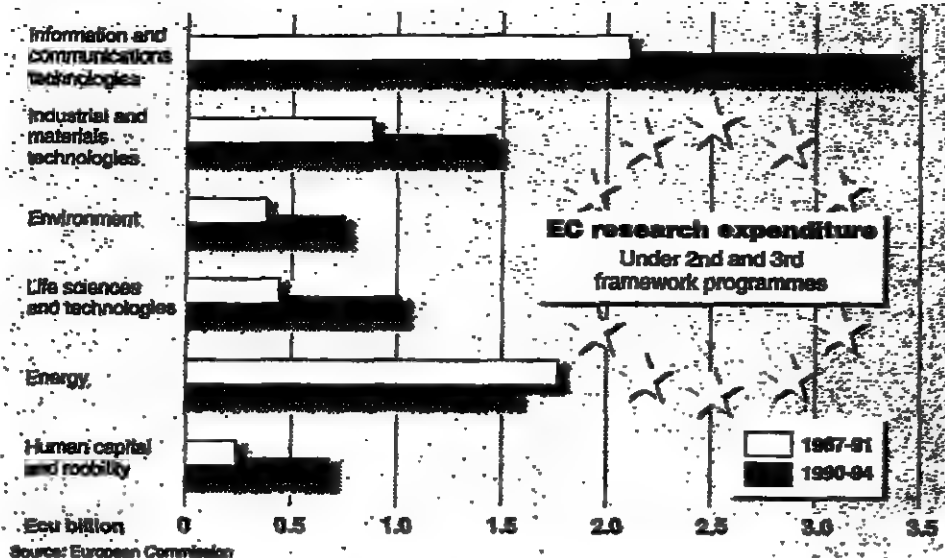
The money, which is channelled through five different departments of the European Commission, normally covers up to 50 per cent of project costs. The framework programme which officials are now working on is the fourth, which will be divided into perhaps six strategic areas; they in turn will be split into specific programmes aimed at, for example, information technology (the programme known as Esprit) or advanced materials (Brite/Euram).

The fourth framework programme is likely to overlap with its predecessor, which finishes in 1994. It could prove to be the most controversial programme of Community-funded research yet. This is because research funding provides excellent terrain for the battle between advocates of an interventionist EC industrial policy and the free-marketiers.

There is already a forum for the funding of market-oriented projects - the Eureka pan-European research programme.

Andrew Hill describes how the funding for EC research projects is distributed and how to get it

Squeaky wheel gets the grease



Source: European Commission

Its aims are broadly the same as the EC framework programme - to encourage the competitiveness of European industry through cross-border co-operation - but Eureka's 20-nation membership goes beyond the 12 EC states. It acts as a central agency, bringing together partners who then apply for funding to national governments or to the EC.

The most fundamental difference, however, and the one that makes Community funds a more attractive prospect for many companies is that whereas Eureka projects are spontaneous and conform to no set strategic plan, the scale and direction of EC research funding can be assessed in advance.

There is a standard procedure candidates for EC research programmes must go through. It usually lasts - from planning to a final decision - up to 18 months.

● Experts decide a "work-plan" for a particular programme.

● The Commission might ask for expressions of interest in the programme through an announcement in its daily Official Journal.

● A formal "call for proposals" appears in the Journal giving details of the programme. Further information may be distributed at special proposers' days held in member states.

● After the deadline, evaluation panels assess the technical merit of a proposal, the reputation of those involved and the ability of the consortium to achieve its aims.

● A management committee examines the balance of the consortium and the way in which the funds are likely to be distributed between member states.

● The Commission negotiates with the consortium about its composition and its budget and eventually passes the dossier on to the director-general of the relevant Commission department for final approval.

It is important not to leave an application until the last moment. A company which makes no move until the call for proposals appears may find itself facing a deadline for applications as short as six weeks.

On the other hand, according to Collins's guide, a little fore-

sight can give a company a valuable inside track. Such a company might be able to influence the direction of EC policy at the planning stage. It would certainly get to know the kind of proposal which Commission officials were looking for and the people to lobby during the technical evaluation of the project and budget negotiations.

No company should underestimate the need to get inside the Commission structure, either directly - by seeking representation on any of the planning or assessment panels - or indirectly, by buttering up national representatives and Commission officials, says Collins.

Successful lobbying, however, will be useless if it is not matched by a judicious choice of consortium partners and an effectively drafted application.

Choosing consortium members is still a mixture of cunning and common sense. For example, it will obviously be an advantage to have partners with prior experience of and perhaps influence in the applications process, and to ensure that the consortium will not

break apart because of simple problems such as inability to communicate. In a more cynical vein, Collins also advises candidates to pick at least one partner from Portugal, Spain or Greece - to salve Brussels' conscience about the neglect of poorer EC members - and to steer clear of Japanese partners, who might arouse the underlying prejudice of some Commission officials.

For the application itself, the advice is straightforward: allow plenty of time, perhaps three months, to isolate the programme's objectives and selection criteria and make sure you answer all of them.

The logistics of applying for EC research funds seem daunting. Once the application has been lodged, candidates have to attend numerous meetings and negotiations before a decision is made. And even assuming a consortium is successful, about a third of its budget, might have to be set aside to cover the cost of attending regular meetings with partners and the Commission, and the preparation and submission of progress reports to Brussels.

Given that sort of administrative commitment, it is unsurprising that many companies have little energy left for the EC's vision of building a "European Technology Community" and prefer to take the money and run. Even if the goal is purely financial, it is really worth joining the race for funding?

Collins has mixed feelings. On the one hand he knows a number of small start-up companies which have established themselves by tapping into the Commission network and drawing down research funding. But he adds: "If you already have a viable business, don't get side-tracked by EC grants, because they can be so time-consuming and obviously the obligations you take on can be so great they might distract you from the core business."

* A Complete Guide to the EC's Research Funds by Martin Collins, 35, Kogan Page, 120 Pentonville Road, London, N1 9JN.

** European Commission, Rue de la Loi 200, B-1049 Brussels, Belgium. The relevant departments are Directorate-General VI (agriculture), DGXII (transport), DGXIII (fisheries), DGXIV (science, research and development) and DGXV (telecommunications, information and innovation industries).

† Eureka Secretariat, Avenue des Arts 19B, Bte 3, B-1040 Brussels, Belgium.

Beer casks obey the new barcode

By Philip Rawstorne

Losses of empty beer casks and kegs costs the UK brewing industry an estimated £10m a year.

The brewers have managed to cut the losses from more than double that amount over the past five years by alerting police, pub staff and metal dealers to the organised theft and smelting of the aluminium and stainless steel containers for their scrap metal value.

But about 200,000 kegs, with an average replacement value of £50 each, are still lost every year. Many are "borrowed" for use as mooring buoys and supports for fences at local gymkhanas. Mountain bikers use them as obstacles. Building tradesmen erect working platforms on them.

Others are merely stacked in forgotten corners by customers who cannot be bothered to return them to the brewery.

As the distribution networks of the brewers have extended well beyond their own pub estates in the UK and into export markets keeping track

of the whereabouts of individual containers has become more difficult. But Charles Wells, the family-owned Bedford brewery, and management consultants P.B. International, of Egham, Surrey, have devised a computerised system of monitoring the movement of the kegs using barcode technology.

Charles Wells labels each of its casks and kegs with a barcode which identifies the brewery, the size of the container, and the date and place of its manufacture.

This basic information is fed into the computer database along with the manufacturer's serial number stamped on each keg.

A computer terminal at the production line is used to key in details of each keg's new - brand of beer, brew number and date. These automatic scans read the barcodes of the kegs as they are filled.

When the containers are moved to the loading bay, the make-up of each load is fed into the computer by radio-linked portable data capture

try average, they were costing us more than £150,000 a year. After a year's operation, he says, losses are less than 2 per cent compared with an estimated 5 per cent for the industry as a whole.

Apart from combating theft, the system has brought other benefits. Containers are being used more efficiently by speeding the return of empties to the brewery and reducing stock-holding.

Other cost savings are likely to flow from the analysis of data that the system provides on keg repairs, usage patterns in different areas, seasons, and the return of spoiled beer.

Brand marketing and sales are expected to benefit from the flow of information, and the system provides extra insurance in any contamination emergency by enabling the brewer to trace and recall the affected product quickly.

Undue delays in returning empty casks can be spotted and action taken to recover them.

The system has cost about £250,000 to develop. But Jonathan Harrison, Charles Wells's finance director, says: "We have about 68,000 containers, and we reckoned that our losses were in line with the industry, they were costing us more than £150,000 a year."

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BRIMFORD PROPERTY LIMITED (IN ADMINISTRATION)

NOTICE OF MEETING IN ADMINISTRATION

Notice is hereby given that a meeting of creditors is to be held at the Somerset Suite, the Westport Hotel, London WC2E 7EX at 11.30 am on 27 February 1992, to consider the proposals under section 23 (1) of the Insolvency Act 1986 and to consider establishing a Committee of Creditors. A copy of our proposals may be obtained from PO Box 56, 1 Surrey Street, London WC2E 7EX.

John A. Tait
Anthony W. Brerley
Martin H. Hume
Mervyn L. McKillop
JOINT ADMINISTRATORS
Dated 10 day of February 1992

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Dowa Mining Co., Ltd. has made an issuance of U.S. \$120,000,000 3 1/2% per cent. Guaranteed Notes due 1996 with Warrants on 13th February, 1992 (London Time) at the initial Subscription Price of Yen 499.0 per share, which is less than the current market price per share of Yen 559.9 calculated as provided in the Instrument.

As a result of such issuance and pursuant to Clause 3 of the Instrument, the Subscription Price of the Warrants has been adjusted from Yen 682.0 to Yen 673.8, effective as from 13th February, 1992 (Japan Time).

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Thursday February 13 1992

The bill for Maastricht

FIVE-YEAR plans, despite communism's demise, have their uses. In 1988 the European Community agreed its very first five-year plan on overall EC funding and spending, which allowed the Community to get on with its revolutionary plan for a single market. Yesterday, the European Commission came up with its second five-year plan. It has much to commend it. But it cannot be accepted as it stands, even though the need for the Community to settle its financial future over the next few years is self-evident.

Brussels is calling for total spending to rise, in real terms, by a third, to Ecu85bn by 1997. Money to the EC's four poorest states would be doubled over the next five years, as it has been over the last five. The Commission wants a further real increase of 100 per cent in resources to meet the EC's growing external responsibilities. Less costly in terms of new money, but more controversial in terms of policy, is Brussels's plan to gear EC research and training funds more to companies' needs.

Many member states will object to such a steep increase in the EC budget, especially in difficult economic times. But poorer EC countries are demanding more cash from Brussels to help them converge with the richer in the run-up to economic and monetary union. Spain has more or less threatened not to ratify the Maastricht treaty, unless it gets more.

Power ambitions

Apart from farm spending, the greatest strain on the EC budget in recent years has come from outside - the Gulf war, the plight of Kurdish refugees, and changes in eastern Europe and the former Soviet Union. Maastricht confirmed the Community's great power ambitions. But power brings

responsibilities. If the Twelve are going henceforth to co-ordinate their foreign policies, it is logical that they should also increasingly pool their foreign aid.

The proposed increases in spending can be justified, therefore, but only if spending as a whole is brought securely under control. Reform of farm policy is a *sine qua non*. In its absence, the budget proposal should be rejected.

Lop-sided nature

At least as important, are changes in the way revenue is raised. Getting member states to agree this package will be made all the harder by the lop-sided nature of contributions. At present, only Germany, the UK, France and (marginally this year) Holland are net contributors. It is a scandal that the two countries with the highest average incomes - Denmark and Luxembourg - should be net beneficiaries of the budget, and that Belgium should get more than Portugal.

The Commission has tinkered with the system of national contributions, to make it less dependent on food and customs duties and on value added tax (VAT), and more dependent on gross national product. But this will only show up gradually over the next five years. In the meantime, Germany, whose average income has been lowered by unification, is by far the biggest net contributor (Ecu5bn), three times the net amount put in by the next largest contributor, the UK, even after the British rebate.

The Commission ruled out a more radical move to a GNP-based system as non-negotiable. But the problem cannot be judged much longer. Alongside an agreement on a new and larger budget, both farm policy reform and a more equitable system of raising revenue need to be in place.

The stakes in Algeria

TOMORROW MAKES a crunch point for Algeria in two respects.

At home, it is the first Friday since the High Council of State, the country's supreme authority since President Chadli Bendjedid was deposed on January 11, decided to hold a referendum on the Islamic Salvation Front (FIS). The biggest disturbances in recent weeks have always followed Friday prayers, and the FIS, before being banned, had called a protest march for tomorrow.

Abroad, eight international banks are meeting in Paris to decide whether to proceed with a \$1.5bn loan, intended to refinance Algeria's commercial bank debt. The country owes roughly \$5bn to commercial banks (two-thirds of it to the Japanese), but its total foreign debt amounts to \$33.9bn, of which well over half is owed to foreign governments.

France, the largest single creditor, believes a rescheduling package would be more realistic than refinancing, given Algeria's already heavy 70-75 per cent debt service ratio. The Japanese banks, by contrast, firmly reject the idea of rescheduling.

On a technical level, the solution could be simple in principle even if complex in detail: an agreement to refinance the commercial bank debt while rescheduling the government loans. But the French are quite right to see a connection between the debt and Algeria's political problems.

Restricted growth

By swallowing up such a large proportion of the country's export earnings, the debt has severely restricted growth, causing very high unemployment, especially in the 16-24 year-old age group which con-

stitutes a vast reservoir of demonstrators and rioters for the FIS. In turn, instability deters foreign investment.

Governments are unsure whether to provide more financial support to a state trying desperately to contain Islamic fundamentalism, or, on the contrary, to withhold it from a state which has ignored the popular will expressed through the ballot box, and has now suspended many freedoms.

High stakes

The stakes are high, especially for Europe. It is all too easy to imagine Algerian host people, fleeing across the Mediterranean from civil war or from a militant Islamic regime.

Since no political solution is imaginable without some room for economic manoeuvre, Algeria's creditors should be generous in the short term. But they should also make it clear to Algeria's rulers that they do not see the restoration of order and state authority, however necessary, as a solution in itself. Indeed it may not be possible without some kind of political dialogue - for which the FIS at present, with its leaders either in prison or on the run, is no more prepared than the government.

Algeria's record in foreign policy is almost as good as its record in domestic policy is bad. It brokered, for example, the solution of the US-Italian hostage crisis in 1980-81, and its present foreign minister, Mr Lakhdar Brahimi, was the architect of the Taif agreement which has brought civil peace to Lebanon. The time may soon come for the Algerian government to accept some help from others that it has helped in the past - notably Saudi Arabia and Iran - in seeking a way out of its own domestic troubles.

Redenomination

WHEN JAPAN'S foreign minister, Mr Michio Watanabe, says that redenominating the yen would take Japan out of recession, he is talking through his hat. But Mr Watanabe's idea still deserves more than the brush-off it received from the Bank of Japan.

Why should the Japanese, excellently educated though they are, have to employ advanced mental arithmetic to buy a house for several hundred million yen? Meanwhile, in Italy even a newspaper costs L1,200. The individual measures of a useful unit of account should have meaningful purchasing power. Yet an individual lira or yen buys

nothing. Things are worse for policy-makers. At an annualised Y455,600,000,000 in late 1991, Japan's gross national product looks still more overwhelming than it is. And what of the public debt, now at some L1,400,000,000,000? The number is too big to comprehend. No wonder Italian politicians are paralysed.

If the lira were divided by a thousand, it would overtop the D-Mark. If the yen were divided by a thousand, it would be worth \$8, making it a suitable symbol for Japan's dynamic economy. So, altogether now: two, four, six, eight: it's time to redenominate.

The 2,350 job cuts announced by British Aerospace yesterday have struck at the heart of the diversified company's traditional military and commercial aircraft activities. They are unlikely to be the last.

In the face of the decline in government defence spending and the slump in the civil aviation industry, BAE has been forced to speed up the restructuring of its aircraft operations during the past 18 months. The latest cuts are part of a long restructuring process which has seen more than 10,000 people leave the company over the past two years.

The company has already warned that unless it wins the Ministry of Defence order for new Asraam advanced air combat missiles this year it will be forced to cut more jobs. Even more could follow if the company fails to clinch quickly a Saudi Arabian order for Tornado and Hawk aircraft.

BAE's commercial aircraft operations - with the possible exception of its 20 per cent stake in the European Airbus programme - could also be at risk if it is unable to finalise the second phase of the Al Yamamah arms contract with Saudi Arabia in the next few months.

"Without the second Al Yamamah contract, commercial aircraft, especially smaller regional aircraft, are likely to become a luxury BAE could ill afford in its present circumstances," a City aerospace observer warned yesterday.

The Middle East produced 22.2bn of BAE's revenues in 1990 largely as a result of the first Al Yamamah contract, compared with about £115m in 1985. But the decline in oil prices and the low US dollar exchange rate against sterling last year has put pressure on the programme's funding. Saudi Arabia funds its payments to BAE from a regular amount of crude oil sent for the purpose; BAE is understood to be seeking an increase in the amount of oil from 500,000 to 750,000 barrels a day, plus a cash advance.

BAE, like most other aerospace companies, continues to derive the bulk of its profits from military aircraft. In contrast, its commercial aircraft business, which employs about 21,500 people, or 1,500 more than its military aircraft division, has always struggled to make ends meet. Defence reported operating profits of £375m in the first half of the company's current financial year compared with a £15m loss for commercial aircraft.

After regrouping all its defence businesses under one umbrella at the end of last year as part of its latest recovery efforts, BAE is restructuring its commercial aircraft activities into three separate units: regional aircraft; Airbus; and corporate jets.

The biggest losses have come from the company's regional aircraft activities, including small propeller commuter aircraft and 70-100-seater jets. These losses are likely to grow in the present cut-throat conditions of the market, which accounts for only 5 per cent of the overall civil market. BAE has been actively looking for partners to form an industrial alliance in the regional aircraft business. But negotiations are expected to be long and difficult. In the meantime, the company has been forced to rationalise its

Paul Betts and Charles Leadbeater on the problems facing BAE Struggles in the sky

British Aerospace

£ million

	1989-90	1990-91	1991-92	First half	Full year
Defence Systems	300	498	273	500	
Commercial Aircraft	15	35	(16)	(15)	
Motor Vehicles	164	55	(65)	(65)	
Property	56	100	15	15	
Other	10	(10)	(23)	(23)	
Trading Profit	144	55	213	415	
Launch Costs	(45)	(47)	(27)	(65)	
Interest	(108)	(138)	(100)	(200)	
Exceptionals	40	(24)	(25)	(25)	
Operating Profit	141	15	55	115	

Includes provision for future payments on the Asraam missile contract



BAE's regional aircraft division is struggling to make ends meet

caused by the post-cold-war cuts in defence spending.

At the time of its flopped 2432m rights issue, BAE stated that despite considerable improvements in efficiency and competitiveness, the regional aircraft business in its present form "does not generate a sufficient return on capital employed".

The most serious problem has been the BAE 146 regional jet conceived by Hawker Siddeley in the early 1970s, saved by the Labour government in the late 1970s, and now BAE's last wholly-owned commercial jet aircraft. The 146 has faced fierce competition not only from other manufacturers such as Fokker or Canadair but also from big aircraft makers such as Boeing and McDonnell Douglas with their respective smaller derivatives of the Boeing 737 or MD80.

Outside the rest of the industry, the 146 also failed to build up a backlog of orders during the good years of the 1980s. Its current backlog is 40 aircraft. Production peaked at 36 aircraft a year in 1986, falling to 26 aircraft in 1991, and expected to be about 24 this year.

BAE has been actively looking for partners to form an industrial alliance in the regional aircraft business. But negotiations are expected to be long and difficult. In the meantime, the company has been forced to rationalise its

regional aircraft activities to match demand and prospects.

Its Advanced Turboprop (ATP) commuter aircraft programme has been under pressure and has struggled in vain to make a return. The smaller BAE Jetstream turboprop commuter aircraft programme has fared better in the market.

After being highly critical and apprehensive over the European Airbus programme for many years, BAE now regards its 20 per cent stake as holding the most long-term promise for its commercial aircraft operations. But although Airbus is expected to provide BAE with substantial annual revenues by the mid-1990s, it is putting pressure on BAE resources. The company is in the costly process of building up production of the wings for the new Airbus A330/A340 wide-body aircrafts due to be delivered to customers from 1994.

Airbus, like Boeing and McDonnell Douglas, also faces a difficult year in terms of winning new orders because of the financial problems of all international airlines.

The other success story is BAE's 125 corporate jet family, which has continued to perform strongly. But these programmes are relatively small in the context of the company as a whole.

By splitting the commercial aircraft operations into three parts, BAE appears to have set

the stage for even broader restructuring of these activities. This could eventually include the merger of its new regional aircraft unit with other international partners and possibly a similar alliance or even the sale of the profitable corporate jet business.

"They are going to have to take a tough decision whether they stay in the regional market or not in the absence of finding a suitable partner," said Mr Keith Hodgkinson, aerospace analyst at Shearson Lehman.

This would mark the end of an era in the British aircraft industry. But BAE, due to report its 1991 preliminary figures next week, which are expected to show a loss because of extraordinary restructuring charges, is in a precarious position.

BAE's overall difficulties have been compounded by its senior management's loss of credibility after the mishandled rights issue last year.

The power vacuum created by Sir Roland Smith's departure after being forced out of the chairmanship in September has not been filled; it has grown.

Sir Graham Day, already the chairman of Cadbury Schweppes, is only BAE's interim chairman. After four months of searching for a full-time successor, Sir Graham has just started interviewing potential candidates.

The search is proving difficult. Sir Christopher Hogg, chairman of Courtauld, the chemicals group, and Beutlers, the financial information company, was Sir Graham's favoured candidate. He turned the job down a month ago.

Sir James Blyth, the chairman of Boots who is a BAE director and a former head of export sales at the Ministry of Defence turned down the post last autumn. Mr David Simon, the chief operating officer at British Petroleum said no. Sir David Lees, the chairman of GKN, has also turned down an approach. Attention is currently focused on Mr Christopher Lewin, chairman of TI, the engineering group.

The process of finding a new chairman has been complicated by the need to find a new financial director. Mr Dudley Buxton is leaving this summer after taking responsibility for the shortcomings of the company's financial reporting system which failed to send early warnings of the collapse in group profits.

The political climate in the UK is also likely to complicate the task of finding a new chairman. Although BAE insists a new chairman is expected to be appointed at the end of April, it seems likely that such a move will be delayed until after the general election. The outcome will not just affect how much work BAE will get from the Ministry of Defence, but also its political mandate to rationalise the company by closing unprofitable operations and selling others without fear of political interference.

Whoever ends up in the hot seat faces an uncertain future. He will confront the dilemma of either refocusing the group on its traditional aerospace activities with a subsequent phasing out of its car and property interests, or reinforcing its ambition to be Britain's leading diversified manufacturing conglomerate.

PERSONAL VIEW

The problem of plutonium

By William Walker and Frans Berkhout



Imagine the plight of a producer compelled by government inertia and past contracts to pay over the odds for

obsolete and potentially dangerous materials. This is the unenviable situation of the nuclear electricity producers in Europe and Japan - and the problem is plutonium.

Plutonium is one of the materials recovered from spent nuclear fuel during reprocessing. Separated from the uranium and waste in spent fuel rods, it can power conventional or "fast" reactors. This permits recycling and is an alternative to storing spent fuel.

The difficulty is that the economics of reprocessing have changed since the 1970s. Twenty years ago, countries with nuclear power programmes believed that reprocessing would help reduce the volume of radioactive wastes, and so ease disposal problems. It would also produce the plutonium considered to be an essential fuel for the next generation of reactors.

But plutonium-fuelled fast reactors have been expensive and prone to technical mishap. Storing spent fuel is cheaper than reprocessing, and a recent study for the German government shows that the costs of eventually disposing of it are close to those of dealing with wastes from reprocessing. Furthermore, uranium - used in conventional reactors - has become plentiful and cheap.

The electrical utilities in Europe and Japan which signed contracts in the 1970s and 1980s with the British and French reprocessing companies prefer it to plutonium.

These companies - British Nuclear Fuels and Cogema respectively - responded to the demand for reprocessing by building a facility (Thorp) at Sellafield, in the north-west of England, and two at La Hague in Normandy. One of the La Hague plants began operating in 1980. The other is expected to come on stream in 1992-93, as is Thorp. Some 15,000 tonnes of spent fuel have already been delivered to these plants.

About 180 tonnes of plutonium will be produced by the new plants over the next decade. Large amounts are also likely to come from dismantled US and Soviet warheads. A great deal of plutonium is therefore becoming available when there is no commercial need for it.

Under their contracts with the reprocessors, the European and Japanese utilities must take back their radioactive wastes and the plutonium separated from them. This creates a further prob-

lem for the governments of the countries concerned. An unwritten rule of international politics forbids states with no nuclear weapons from amassing more plutonium than is required to meet commercial needs. Germany and Japan in particular find themselves in a bind. As their spent fuels are reprocessed in Britain and France, they will gain title to more than 30 tonnes of plutonium which, if not used, would put them in breach of the rule.

To consume this surplus plutonium, Germany and Japan have made plans to use it in mixed-oxide (MOX) fuels in existing reactors. The snag is that MOX fuels are expensive and politically controversial on safety and environmental grounds. Utilities face problems in getting licences for enough of the reactors to take the fuel.

Plutonium consumption will lag far behind production. This has long been the case in Britain which has stockpiled 34 tonnes of plutonium.

But the costs cannot be counted in commercial terms alone. Plutonium is a nuclear weapons material and because of its toxicity is a potential environmental hazard. The environmentalists make plutonium transport a fraught political issue. This is true particularly for Japan. From August, repatriating its plutonium will involve an armed Japanese ship regularly crossing the Atlantic and Pacific Oceans.

This prospect has already aroused the territorial sensitivities of countries on the route. Government officials know that the policy of supporting the reprocessing of nuclear fuel to obtain plutonium for which there is no ready market no longer makes sense. Before plutonium begins to accumulate at La Hague and Sellafield, these officials should bring together the parties to the reprocessing contracts and break the present impasse.

If the conclusion is that the reprocessing plants should not operate, so be it. The spent fuels can be stored instead, saving money and avoiding the production of yet more plutonium.

William Walker is a senior fellow and Frans Berkhout is a research fellow at the Science Policy Research Unit, University of Sussex.

Correction

Philip Morris

A footnote to a graph of European food companies, attributed to Bain & Co and published on January 27, stated incorrectly that Philip Morris's sales referred only to Kraft General Foods. In fact, the figures also included Jacobs Suchard.

All the King's horsemen

■ Ours not to reason why. Just be thankful the air of chivalry hasn't entirely evaporated in defence secretary Tom King's reshuffle of Britain's Army.

True, cooks and latrine diggers are being lumped together with drivers and so on to make a Royal Logistic Corps. But new titles are out for cavalry regiments due for amalgamation, although the peculiar logic that gave rise to the old names has become still more unfathomable in the process.

The fact that the titles now refer to armoured troops is easily grasped by comparison with manoeuvres such as the replacement of the existing King's (no relation) Royal Hussars by the King's Royal Hussars (formed from the Royal Hussars (Prince of Wales's Own) combined with the 14th/20th King's Hussars).

Never mind that another regiment currently carries that title (the 15th/19th). It will disappear along with the 13th/18th Royal Hussars (Queen Mary's Own), and re-emerge dashingly as the Light Dragoons, which is what their ancestor regiments were called before, for reasons now obscure, they started becoming hussars early last century.

Even more obscure is why, on reverting to dragoons, they should be light ones. Could it be, for instance, that they're "light" in the same sense that beer is, or entertainment?

■ If stockbrokers were forced to apologise and withdraw every report that proved to be rubbish, the City would be a much more sensible place. But as it rarely if ever happens, it is surprising that such a row has erupted over BZW's draft report on the implications of the accounting standards board for company accounts.

OBSERVER

In terms of the quality of its investment research BZW ranks well down the league tables and it is not known for any particular expertise in reviewing new accounting standards. So why should there be such an uproar when it produces what sounds like a piece of shoddy research?

Having to withdraw the draft is highly embarrassing for BZW. But it also shows how difficult it is for brokers to publish material which is not to companies' liking.

Beaming up

■ If people are flying about BAA's monthly airport traffic figures do not have anywhere near the same impact as changes in US railroad box-car loadings once had on Wall Street sentiment, but they do suggest something is happening out there.

A year ago everyone was on hold because of the Gulf War, so last month's 13 per cent jump is a distortion. Nevertheless January was the fourth month in a row to show an increase and traffic on the Edinburgh-London route, regarded as a barometer of the British economy, has risen for the past two months and is up on January 1990 levels.

Rings a bell

■ Any reader who senses a familiar ring in the name of Stephen Mitchell - the lawyer who claims he has met the two Libyans charged with blowing up Pan Am flight 103 - is probably not mistaken.

An insurance specialist, he has worked on many of Lloyd's of London's celebrated cases, including the Savinina and Sasse affairs as well as the corporation's computer-leasing debacle. Moreover, a Lloyd's



"Malboro Country just won't be the same"

member himself, he surprised friends and foes alike by joining the board of the embattled Richard Outhwaite agency.

Mitchell is no stranger to tragedy either. His fiancée was one of the 248 victims of the 1974 Turkish Airlines DC10 disaster, after which he successfully fought for compensation from McDonnell Douglas in the US courts on behalf of 100 British families.

He apparently has no axe to grind in the Lockerbie case. He says his meeting with the Libyans' lawyer was arranged through a mutual friend.

On the rocks

■ The tables were almost turned when Ernest Saunders, former chief executive of Guinness, turned up on Radio Four's Today programme to discuss the collapse of the Guinness II trial.

Before the interview Saunders had been asked to wait in the thy hospitality room at Broadcasting House with another guest already

there. His face blanched markedly when he opened the door to find Barbara Mills who, as director of the Serious Fraud Office, was the power behind his 10-month sabbatical at Ford Open Prison.

The surprise was mutual. Carelessly or cunningly, Radio Four had told neither of them that the other was to be there.

Peace of cake

■ The former occupant of Black Forest Chateau has returned. After a three-year stint in his native Cyprus, Charles Leveson is back in Tessaide helping to spare the government's blushes with some cheesecake.

In 1985 Leveson founded his cake-making company, CDL 44 Ltd - CDL for his initials and 44 for his age at the time - in England. Six years later he had built it up to employ 400 producing a turnover of \$5.6m and then sold out to Allied-Lyons.

Now he is taking a second bite at the British appetite for sweets by setting up a new company, Livara Foods, and announcing plans to produce up to 75m gateaux and cheesecakes a year from a state-of-the-art factory in Stockton-on-Tees.

This gourmet assault on the market has spared the government embarrassment, in a Tory marginal constituency, by promising to create 700 jobs on a site to which the ministry of defence had planned to move its large peace dividend forced a rethink.

No problem

■ Calling the teams together before a rugby international, the referee reminded them it was a big occasion, and added: "The last thing I want to see is nastiness on the field."

"Fair enough, Ref," grinned a toothless post forward. "Any other last wishes?"

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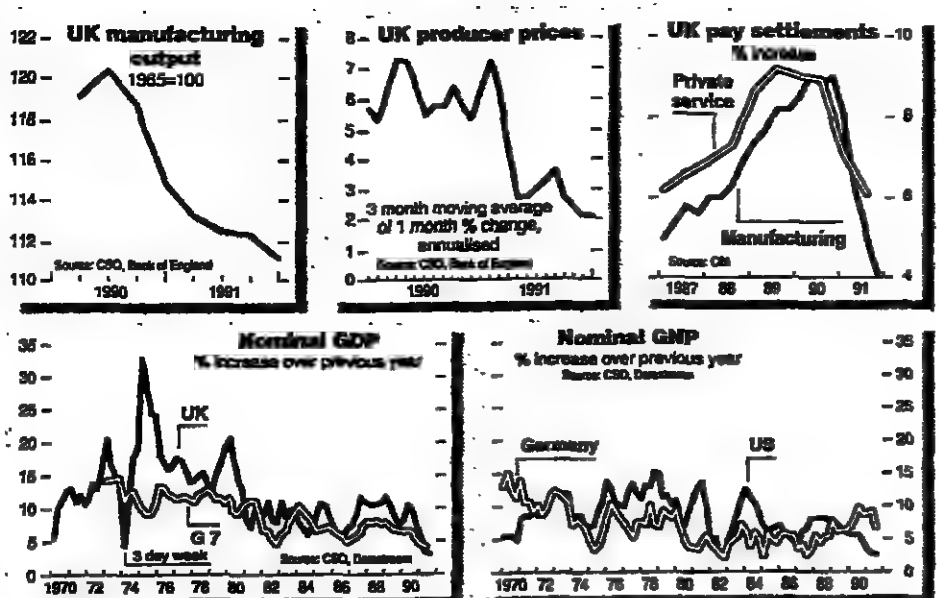
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ECONOMIC VIEWPOINT

Why falling inflation is still good news

By Samuel Brittan



Since the start of the series, the RPI has been dragged above this level by faster increases in the service sector. Retail prices of services other than housing and public utilities have risen by 10 per cent in the year to last December. But some relief is coming on this front, too. Not only have reported pay settlements in manufacturing fallen, according

Worldwide demand expansion in money terms has become insufficient

ing to the CBI Databank, to 4.1 per cent in the last quarter of 1991, the lowest since the Databank began (in 1980). This series reflects, more than it causes, inflationary pressure. But in addition the much more sluggish private services sector reports a fall to 8.1 per cent in the second half of last year, down from a peak of more than 9 per cent in 1989.

In addition manufacturing productivity growth is now recovering strongly: to 5 per

cent per annum, according to the CBI, and nearly 3 per cent according to official estimates. Even allowing for wage drift, the gap between pay and productivity is now close to the 3 per cent normal among Britain's main competitors.

When inflation is low, the opinion polls show that jobs and recovery are the top priorities. But once the upturn comes, inflation goes back to the head of the agenda and unemployment is relegated. Thus those take as their motto "I am their leader, I must follow them" will run from pillar to post in fact low and falling inflation is still a blessing. For it provides headroom for a recovery of output.

The postwar view that governments could spend their way into prosperity has been exploded. But nor is there any excuse for governments and central banks to stand idly by if the world looks like spiralling into depression. What they can do, especially if they act in concert, is maintain an expansion of demand in money terms sufficient to support a rate of real growth in line with the growth of productive

capacity, but not to finance inflation. This common sense can be called reconstructed Keynesianism, or monetarism without mysticism.

Keynes did speak of burying pound notes and Friedman of dropping dollar bills

figure there is headroom for a resumption of growth. This is the case in the UK and in the Group of Seven summit countries as a whole.

For the first time since the 1973 oil price explosion, worldwide demand expansion in money terms has been insufficient for normal non-inflationary growth and it is reasonable to think of a stimulus. The main exception is Germany where nominal GDP growth has been above 6 per cent

because of the boom in the west following unification.

In the UK annual nominal GDP growth (at "factor cost" to avoid tax distortions) is down to 3 or 3½ per cent, the lowest since the early 1980s.

Will, however, national authorities go in for this minimal degree of demand management? The excuse that nominal GDP estimates are late and erratic does not hold water, if one is concerned with responding to trends rather than fine tuning. Indeed the US and Japan are acting to maintain nominal demand growth, without using the terminology. So too, if a little less clearly, is the Bundesbank which wants to stamp on inflation but certainly not to produce deflation.

I approached the outlook via policy rather than talk about personal indebtedness, because nobody knows how far consumers and businessmen will want to reduce their borrowing before they resume their normal spending habits.

Suppose it is a long time. What can governments do? I doubt whether fiscal policy can help - except by strictly temporary tax cuts - if only because the budgetary outlook in so many countries is so bleak. Monetary policy is still the most promising route.

The limits of interest rate policy have not been reached. But if they ever are, Keynes did speak of burying pound notes in the ground and leaving it to the forces of self-interest to dig them up. Milton Friedman has spoken of dropping dollar bills by helicopter.

It is not time for these heroic devices yet, given that nominal demand is still only a little below a normal growth path - having descended from high inflationary rates.

Are countries such as the UK and France barred from either conventional monetary policy or more spectacular gestures heroic route because of the exchange rate mechanism?

Yes. But they are not powerless. The weapons that the non-ERM members must adopt are more like those of a peripheral region within a currency area that is not enjoying the boom conditions at the centre. The main weapon is to back into work, which Britain and France are indeed doing.

If they can just hang on somewhat longer to the policies which have brought about low inflation, the heavy cavalry of the Bundesbank will come up from behind. They must not say so in Frankfurt, but once Germany is over the inflationary hump, interest rates there could fall quite quickly and the G7 would be ripe for another attempt at joint monetary management.

BOOK REVIEW

The move is on to Nowheresville USA

EDGE CITY. Life on the New Frontier
By Joel Garreau

Doubleday \$22.50, \$46 paper

One of the most dynamic urban centres in North America is a city with no name, merely a number: 28778. You will not find it on any map, nor does it have a coherent civil government.

Yet it, and the dozens more like it mushrooming across the US and Canada, may represent the biggest change in more than 100 years to how the western world builds its cities. 28778 lies about an hour west of Wall Street, in the lightly wooded suburban sprawl of New Jersey. It takes what identity it has from the two interstate highways - 287 and 78 - which cross at this point.

These good transport links have encouraged some of America's biggest companies to quit the dirt, high costs and sheer inconvenience of Manhattan for grassy new "campuses" hidden away amid the clasp and shingle homes and shopping strips.

The world headquarters of American Telephone & Telegraph is here. So are the headquarters of Johnson & Johnson, Bristol-Myers and Hoechst Celanese. 28778 may not have a name, but it has more office space than downtown New Orleans. It may not have any commercial flights into its little airport, but so many corporate jets use it that it has its own customs shed.

But this, you may be thinking, is no city. It has no centre, no soul, no shared history. It is merely a characterless, suburban expanse, a ghostly monument to the power of unfettered American development capital.

And that, says Joel Garreau, in his stimulating book, is where you would be very wrong. To him, 28778 is a prime example of an "edge city", a phenomenon which, like it or not, is "the crucible of America's urban future", and an example of the rest of the world is starting to follow.

Edge cities are the mixed business, residential and shopping communities which have sprung up on the edge of America's big 19th century cities. Garreau reckons there are about 20 in the greater New York area alone. Other examples include the area

around Houston's Galleria shopping mall, and the remarkable sprawl that is greater Los Angeles, probably the first edge city of all.

Garreau, a journalist on the Washington Post newspaper, reckons that what we normally think of as a city, with a defined centre, tall buildings standing cheek-by-jowl, is a relic from the last century. What makes a city a city, he argues, is not how it looks, but how it functions, and edge cities exist because they provide an efficient answer to the needs of the computer, motor car and jet age.

They are also a response to the age of the working woman, with employers realising in the 1970s they could tap a huge pool of well-educated, female, white-collar labour if they sited their offices out in the suburbs.

For the most part, edge cities are the product of commercial developers - "the Medici of the 20th century", according to one Houston planner - who have simply been responding to the iron laws of the marketplace. Garreau says, "Their unshakable observation was this: if they gave the people what they wanted, the people would give them money. The crazy quilt of edge city made perfect sense if you understood the place as the manifest pattern of millions of individual American desires over 75 years."

Good architects and planners, however, have tended to stand aloof, regarding the suburbs as "downside" and "wrong", and the people in them as "no banal as to be utterly remote from their experience and interests".

Garreau defines an edge city as having at least 50 sq ft of office space - more than 500 sq ft in downtown Memphis, Tennessee - which is apparently the level needed to support a luxury hotel and set off further development. It must have 500,000 sq ft of retail space, enough for a large shop-

ping mall, the edge city equivalent of the town square. It must also have more jobs than bedrooms, be perceived by the population as one place, and have been suburbs or cow pastures a mere 30 years ago.

"Making sense of an edge city," he writes, "requires the following leap of faith: any place that is a trade, employment and entertainment centre of vast magnitude is functionally a city. That is true no matter how sprawling and strange it looks physically, and no matter how anarchic it seems politically."

Garreau is on more controversial ground when he argues that this new phenomenon does not necessarily spell decay for America's old inner cities. He points out that the rise of edge cities has coincided with, and possibly provided the capital for, a striking revival in many of America's biggest city centres, which may become mainly cultural and tourist resources.

That, however, is to brush aside the dire problems of the black urban underclass living alongside many of these cultural jewels - although he does point out that America's new black middle class is growing rapidly in edge city.

This is an important book, written in a refreshingly unpretentious, almost breathless journalistic prose. Its many pleasures include an amusing glossary of developers' English. Plants and trees are "softscape". Pathways are "pavement deficiencies" and a beautiful building is "one that is fully leased".

Garreau provides no clear answer to the central question of whether the edge city can rise above its sterile origins. He admits to depression on the subject during the four years in which he wrote this book.

Yet whenever he lost hope, there was always someone on hand with good advice: "Calm down, take deep breaths. These edge cities are only 10 to 20 years old. Look Venice 500 years to become what it is today. Our new edge cities are works in progress. It's just beginning to dawn on us that they are cities." Quite so.

Martin Dickson

LETTERS

A gratuitous comparison

From Mr J D A Evans

Sir, British Rail managers have to have thick skins but should they really have to put up with being likened by Mr Jonathan Price to a group of Communist party officials running an east German Kombinat (Letters, February 10)?

Perhaps Mr Price would like to say how many such groups have consistently reduced operating costs over recent years, halved their dependence on government grant, turned round a major component of their business from substantial loss to significant profit, and stand comparison with the best in Europe on productivity and cost-effectiveness in spite of enjoying a far lower share of national resources?

Does he have any idea of the fundamental changes taking place in BR in organisation, in restructuring working arrangements, in programmes for quality, safety and culture change?

It is ironic that your paper's same edition mentions a project to build the Waterloo International Terminal which is on time, on budget and on its way to providing a thoroughly modern, fitting gateway for the coming Channel tunnel services. Where is the eastern European parallel for that?

There is much to be done to improve railway services in Britain, and management undoubtedly has its part to play.

But the debate and performance of the railways will be helped by constructive, informed comment rather than by gratuitous abuse.

J D A Evans,
director of public affairs,
British Rail,
24 Eversholt Street,
PO Box 100, London NW1 1DZ

Thrilling

From Mr Michael Reid

Sir, Jurek Martin writes ("Authenticity reveals the clue", February 1) that one of the prerequisites of a good suspense novel is the ability of the writer to describe sex and violence. Why? Many of the best suspense novels and thrillers have little or no description of sex or violence; suspense and narrative are much more important ingredients.

Michael Reid,
Via Polsetto 11,
Rome, Italy

Public sector pay rises a missed opportunity to hold down inflation

From Chris Trinder

Sir, "Pay rises above inflation for 1.5m public employees" (February 11) you contrast the government's decision to implement in full the Pay Review Body recommendations for nurses, teachers, armed forces and doctors with the Confederation of British Industry evidence that pay settlements of 4.1 per cent in manufacturing are at their lowest level since 1990. However, the full implications could perhaps be spelled out more fully.

There is first the public sector externally effect for 1992 of this week's announcement. The review body pay awards set the parameters for the rest of the public service. More than half of the National Health Service staff had their pay increases announced this week, and the remainder - although they may not do so well - see these settlements as the benchmark for their own negotiations. Similarly, the teachers' pay settlement is closely watched by other local authority employees.

But on this occasion there may also be a private sector

effect and follow-through public sector effect into 1992. The review body groups' settlements this year were partly based on comparability with private sector earnings increases in the year up until autumn 1991. The current steep fall in private sector settlements, while welcome, is fragile. The slightest sign that the government is not serious about the consequences of not keeping pay rates down, now that we are in the ERM, could lead to a weakening of this private sector resolve. And if private sector pay in 1992 is higher than it would otherwise have been, then next year's Pay Review Body settlements will be higher, too.

Ahead of the decision, the government could have given an unambiguous signal to help ratchet down pay increases to the new permanent lower levels of inflation. This one chance window of opportunity has now been missed.

Chris Trinder,
research director,
Public Finance Foundation,
3 Robert Street,
London WC2N 6BH

Sponsors of the arts should be given credit for their role

From Mr Colin Tweedy

Sir, Mr Maselli's letter (February 8) on business sponsorship of the arts shows he has an understanding not only of arts funding, but also of arts funding. No government has funded the arts to everyone's satisfaction. As Mr Maselli knows, there were sponsors in ancient Greece, though his comments on sponsorship of the Parthenon make no sense.

Business has no moral or legal obligation to fund the arts. Sponsorship is a business deal, a transaction where both sides benefit. If the media steadfastly refuses to credit sponsors then the business rationale within a company becomes increasingly difficult.

No sponsor is asking for its logo to be emblazoned across Frances Barber's bosom in the National Theatre's *Night of the Ignorant*. Data General is seeking recognition for its sponsorship of this wonderful new pro-

duction - are the four words "sponsored by Data General" too much to ask? Fortunately not. In the FT at least, though other newspapers have been slower in following this lead.

ABSA stresses that sponsorship should be a supplement to, never a substitute for, government support. Business is a partner with government, central and local. Sponsors, bringing their guests to "hospitality rooms" and then a performance, are increasing the potential audiences to the arts. Hostility towards business is an example of ignorant prejudice. The arts need the support of business - let us encourage more money from the private sector, not less.

Colin Tweedy,
director general,
Association for Business Sponsorship of the Arts,
Nuburn House,
50 Gainsford Street,
London SE1 2NY

Never mind childcare, what about the over-40s?

From Mrs Janet L Johnson

Sir, It makes my blood boil every time I read yet more inches of newspaper on the subject of childcare facilities for working mothers. It seems to have escaped the notice of the powers that be that there are armies of women who are past child-bearing age but willing and able to work for another 20 years before reaching pension age.

Where are the jobs or concerns for these women? One would be forgiven for imagining that women between the ages of 40 and 60 did not exist! If one has the misfortune to fall into that category, the job prospects are poor, if not nil, after the age of 50, despite having years of good experience under one's belt. Which is why I have been forced to obtain employment in Libya - the last outpost of the middle-aged secretary in the UK they are, apparently, unemployable.

On one of the few occasions when I secured an interview last year (for a low-grade, low-paid job), and having presented my credentials stating I had 30 years' experience and for the past six years had been employed as an executive secretary, I was obliged to take a spelling test! We may be regarded as dinosaurs - but we are not crestfallen.

If there is indeed an actual or projected shortfall in the workforce, owing to decreased numbers of school-leavers, why are mothers of small children targeted for vacancies? We exist, too, and we do not demand nursery facilities. Are employers too short-sighted to recognise this fact?

Incidentally, I raised four children, as a working mother and made my own childcare arrangements, when it became necessary to return to work 20 years ago. Nobody ever welcomed me!

Janet L Johnson,
legal department,
National Oil Corporation,
PO Box 2655 Tripoli,
Libya

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Russia likely to set up an independent command in spite of military opposition

CIS may founder over army question

By John Lloyd in Moscow

THE Commonwealth of Independent States, the successor to the Soviet Union, may founder tomorrow in Minsk - where it began a little more than two months ago. A formal announcement to that effect is unlikely, but another session of papering over the cracks is probably impossible.

The root problem is the army, the only surviving institution of the Soviet state but one whose future is increasingly uncertain as the individual republics, including Russia, opt for separate forces.

Fears about the army's reaction to its disintegration were highlighted yesterday when rumours of a possible coup attempt against President Boris Yeltsin swept some western stock markets. This followed a comment by Mr Eduard Shevardnadze, the former Soviet foreign minister, that the economic crisis and anger in the armed forces could lead to a coup.

Such tensions are likely to persist, in part because in the

past week a succession of statements by senior military advisers around the Russian president made it clear that they expected the announcement of the creation of separate Russian armed forces immediately after the CIS leaders' summit at Minsk.

Yesterday officials in Moscow said the decree was likely to be promulgated at the weekend - and that it would envisage an armed force totalling 1.5m men, which would become a professional force in a few years.

In an interview with the Financial Times yesterday, Col Alexei Tsaryov, chairman of the defence sub-committee of the Russian parliament, said a resolution along these lines could be submitted to the parliament today.

He said Mr Yeltsin agreed with the thrust of the thinking for a Russian command but had boxed himself in by "promises he had to make" that Russia would be the last to create its own forces. This position

was no longer tenable.

He warned, however, that the move would run into severe opposition from the armed forces general staff, headed by Marshal Yevgeny Shaposhnikov.

The general staff has prepared 14 documents calling for a unified command for the CIS armed forces, with provision for a council of defence ministers to supervise it. A working group from the Commonwealth states has over the past two days been discussing these documents in Minsk in preparation for tomorrow's summit.

"Their conception is for practically unlimited power for the general staff. There is no place in it for the parliaments of the states. This is completely unacceptable to us, and it will be to other republics," said Col Tsaryov.

The Russian parliament sub-committee will propose that the statement on Russian armed forces should include the following:

● Russia will create its own

defence capability.

● Other states should then decide what association they wish to have with the Russian forces, especially with the nuclear forces which Russia plans to monopolise.

● An interparliamentary commission will be formed to thrash out the division of the forces.

The latter point is likely to be contentious. The Ukrainian government fears that the Russians will use the treaty on conventional forces reduction in Europe - due to be ratified in the next two months - to insist that it gets the lion's share of conventional weapons.

Ukraine has most of the Commonwealth tanks on its territory, and has claimed control over them. Russian military strategists, however, are calling for a redistribution of the forces based on the size of the republics - giving Russia the majority of the equipment.

The dispute between Russia and Ukraine over the Black Sea Fleet, by contrast, may be

less contentious because the

indications from Ukraine are that the government may be content to take a small part of the fleet on condition that the status of the Crimea, once part of Russia and now a district of Ukraine, will not be disputed.

On the question of nuclear weapons, Col Tsaryov said Russia should propose to the other states that they can "contract in" to strategic defence provided by Russia and allow their citizens to serve in strategic forces under Russian command.

If the CIS leaders do reject a unified military command tomorrow, and the process of creation of independent forces begins in earnest, the Commonwealth will have little content as an executive body.

The best that can be hoped for is that the states can agree a process of civilised co-operation on military, economic and other matters.

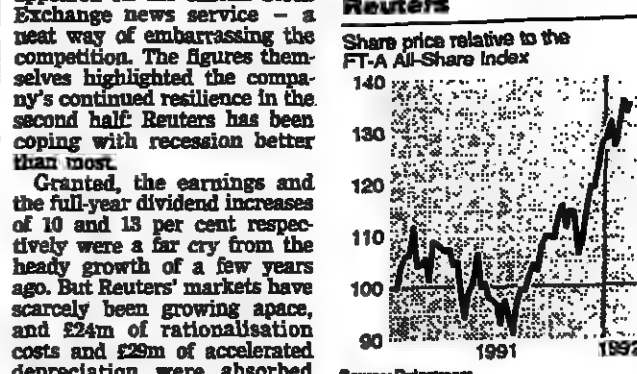
Soviet capital flight, Page 2

A timely story from Reuters

FT-SE Index: 2,523.7 (-13.4)

Reuters

Share price relative to the FT-A All-Share Index



Source: Datastream

flows, the company's financial position is gradually improving through cost cutting and asset sales, such as the timely Pacific Magazines deal. The interest bill fell \$100m at the half way stage. News Corp's outstanding debt is still vast, but the pressure to sell good assets in depressed markets is not.

Having recovered from their low of under A\$3 early last year the shares were trading in London yesterday at A\$16.50. Their future strength will depend on the speed of any recovery in the company's three main territories, and by the prospects for BSkyB. Yesterday's confirmation that the satellite TV station will be in the black next month is encouraging news, and will not doubt be accompanied by a fanfare of publicity. That alone is reason to hold on to the shares for a while longer.

The strong performance of the shares since last July means they are on a historic multiple of 20. That is somewhat at odds with Reuters' frank admission that trading this year will continue to be tough, so the shares' progress from here may be limited. Both the Dealing 2000 (phase two) and Globex projects should at last go live this year, which will help counteract the costs of yet more rationalisation. But the group will manage only small price increases and be braced for fewer new orders.

While Reuters will have to pedal hard to make headway, yesterday's evidence suggests it will not be going backwards.

The activities of Midland's

secretive defence equipment finance department were first disclosed in a Financial Times investigation last summer.

Mr Charles Bryant, managing director of international banking services at Midland, said the bank had a policy in the 1980s of refusing to "advise or confirm letters of credit" if they related "overly" to arms exports to Iraq. He conceded it might have been possible to get round this by misdescribing items to be exported and disguising their true nature.

Mr Menzies Campbell, a Liberal Democrat MP, said this made the policy "not worth the paper it was written on".

Between 1985 and 1988, Midland arranged \$271m in credit facilities for exports to Iraq, backed by Britain's Export Credit Guarantee Department.

Mr Bryant denied that any of these had been used for arms exports other than "soft" defence items such as communications equipment.

They said there were no records to support allegations made to the committee that Midland financed the export to Iraq of components for the supergun project: steel tubes from Sheffield Forgemasters, the UK steel company, and propellants from the Belgian munitions company P&B.

Mr Bryant admitted Midland was Sheffield Forgemasters' bank when the contract was signed but said he could not explain why Midland was referred to in papers connected with the contract.

The officials were also questioned about Mr Stephen Kock, a former consultant to Midland's defence equipment finance department and non-executive director of Astra Holdings, the UK defence group which discovered in 1989 that P&B, its newly acquired subsidiary, was supplying the supergun propellants.

The committee has heard allegations that Mr Kock visited Baghdad in 1988 to negotiate finance for the propellant. Mr Tom Rotherham, former director of Midland's trade and export finance department, said Mr Kock had never travelled abroad on Midland business.

He admitted he was aware that Mr Kock had produced a gun during an incident near his home in Scotland, and that during a subsequent trial, Mr Kock's solicitor said his client carried a gun because the nature of his work made him concerned for his safety.

"Is it normal for consultants of Midland Bank to carry guns?" asked Mr Doug Hoyle, a Labour MP. Mr Rotherham said "No".

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Without Bundy, the City might not see the light.

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For further information about the TI Group contact, the Department of Public Affairs, TI Group plc, Leighton Buzzard, Bedfordshire, MK43 0HT, England.

Bush starts re-election campaign

Continued from Page 1

Buchanan campaign stays alive until June it could force Mr Bush to adopt a more right-wing stance than he would like in California, the US's most populous state and one of the last to hold a primary.

In turn, this could complicate the president's campaign strategy in the November general election, when some politicians believe the Democrats could win California for the first time since 1964.

Mr Bush yesterday told his supporters his message had not changed since he became vice president in 1981. "I believe government is too big and it costs too much, and I believe in a strong defence for this country, good schools, safe streets."

He also criticised Mr Buchanan's isolationist views. The Bush campaign is reported to have prepared negative advertisements directly attacking Mr Buchanan, but Mr Bush said he would like to get through the primary "without going after another Republican".



George Bush and US treasury secretary Nicholas Brady at a cabinet meeting yesterday

British Aerospace to cut 2,350 jobs

By Paul Betts, David White and Ivor Owen in London

BRITISH AEROSPACE is to cut 2,350 jobs at five aircraft plants, reflecting reductions and delays in defence contracts and the impact of the recession on the airline business.

The latest cuts, due to be carried out this year, mainly affect administrative and technical staff and follow a reduction of about 10,000 in production jobs at the UK aerospace group over the past two years. It now employs 116,000 people.

B&A said it hoped to achieve the cuts through voluntary means but did not rule out compulsory redundancies.

Union officials accused the government of inaction in the face of demands for support to help defence businesses diversify into other sectors.

In the House of Commons, Labour MPs called for "action, not words" when Mr Peter Lilley, UK trade and industry secretary, rejected demands for new policies to counter the rising tide of redundancies in manufacturing industry.

He expressed regret about the cuts but stressed that the company, unlike Labour MPs, had acknowledged the effect of the worldwide recession.

The B&A announcement came a week after 450 jobs were cut at the group's guided weapons division.

Up to 1,000 more jobs at that division depend on the group clinching a new air-combat missile project for the Royal Air Force.

Worst affected by yesterday's announcement is the civil aircraft site at Hatfield, north of London, where B&A is the biggest employer and where 850 of 3,400 jobs will be lost.

A further 550 jobs are to go at B&A's main military aircraft plant at Warton, Lancashire, north-west England, and a similar number at Brough, Humberside, in north-east England.

Work on Tornado jets at Warton will come to an end this summer unless B&A wins a fresh contract for Saudi Arabia.

B&A is about half way through a programme of cuts in its military aircraft division announced in 1990, reducing the number of production sites from six to four and employ-

ment from more than 26,000 to about 21,000.

Its Preston plant in Lancashire, north-west England, is due to close next year.

B&A said the costs of the job cuts were covered by restructuring provisions in its 1991 accounts.

Preliminary 1991 results are due to be presented next Wednesday.

B&A said in September that these were likely to show pre-tax profits of at least £150m (£270m), excluding exceptional items, but that rationalisation costs alone would be about £250m. In 1990 it had pre-tax earnings of £276m.

UK regional gloom, Page 9

Struggles in the sky, Page 16

Watanabe calls for return to yen and sen

By Robert Thomson in Tokyo

JAPANESE people reached for their calculators yesterday after Mr Michio Watanabe, the foreign minister, announced that knocking noughts off the yen would lead the country out of "recession".

A redenomination, he argued, would revive the economy by stimulating demand for new vending machines - of which there are some 5m in Japan - and paper.

The Bank of Japan was not amused; the finance ministry embarrassed.

Past calls for a redenomination have been inspired more by pride than fiscal policy, with many Japanese believing that ¥127 to the dollar sounds better than the present rate of about ¥127. Instead of just yen, according to Mr Watanabe's plan, there would be yen, sen and rin, with 100 sen to the yen, and 10 rin to the sen.

A similar system existed before the Second World War,

and older Japanese people believe that a return to the yen and sen would be a symbol of the country's successful rise from the ashes. The word "sen" is still sometimes used to denote fractions of a yen, but the smallest denomination now is the flimsy, one yen coin.

Mr Watanabe is also deputy prime minister, a faction head of the ruling Liberal Democratic party (LDP) and the next in line for a stint as prime minister. He has a reputation as a straight talker, although this has led to public apologies for insults to Americans, Chinese and Brazilians in recent years.

In a public address, Mr Watanabe said, redenomination should come as soon as possible. It would revive the economy by creating new demand for a range of currency-linked products, including vending machines, paper and computers, he said.

Finance ministry officials said revising the currency system would make no real difference to the economy. An alling Tokyo stock market drew some encouragement from the idea, although the paper industry was the only sector to report an increase in stock prices.

A surprised Mr Yasushi Mieno, the Bank of Japan governor, insisted that the central bank was not considering a redenomination. He opposed the idea because the costs of introducing a new currency system would outweigh the benefits.

He also cast doubt on another of Mr Watanabe's statements, the suggestion that Japan's economic conditions are "similar" to those of the Great Depression. The country is officially expecting 3.7 per cent growth this fiscal year, and 2.5 per cent next year.

Mr Watanabe, a former finance minister, said 100 sen to the yen would be "satisfac-

tory", but the introduction of a 1,000th denomination would be ideal. He said the changes would create jobs and have a "favourable psychological impact" on the economy.

Japan has many vending machines, dispensing everything from flowers to frozen sushi, but the finance ministry was embarrassed by Mr Watanabe's idea that the new system would stimulate demand by forcing companies to replace equipment.

Mr Watanabe's present term as foreign minister, which began late last year, is generally seen as preparation for his taking higher office. He has thrived regardless of the past slurs on Americans (debt defaulters) and Chinese (cave dwellers) and recently he had impressed many Japanese by public displays of self-restraint.

Machinery orders drop, Page 4

Editorial Comment, Page 16

WORLDWIDE WEATHER

Area	Temp	Wind	Cloud	Area	Temp	Wind	Cloud	Area	Temp	Wind	Cloud	Area	Temp	Wind	Cloud	Area	Temp	Wind	Cloud
Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10
Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10
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Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10	Alaska	10	10	10

Temperatures at midday GMT. C-Clear; B-Breeze; F-Fog; H-Hail; R-Rain; S-Snow; D-Dust; Y-Yellow

INTERNATIONAL COMPANIES AND FINANCE

Burton chief executive takes £750,000 pay-off

By John Thornhill in London

MR Laurence Cooklin, who succeeded Sir Ralph Halpern as chief executive of Burton Group, is leaving the company after little more than a year in the post with a pay-off of £750,000 (£14m).

The company provided no official reason for his departure although analysts suggested that Mr Cooklin had not performed with sufficient vigour to impress Burton's non-executive directors.

Mr John Hoerner, a 52-year-old American who ran Debenhams department stores, took over as chief executive yesterday. His priority will be to address the strategy of Burton's struggling fashion multiples, such as Burton, Top Shop, Top Man and Dorothy Perkins, which many industry observers believe are unsuitable for the changed retailing climate of the 1990s.

Mr Cooklin, who had been on the Burton board for 12 years, was intimately linked with the Halpern era. His compensation package was reminiscent of Burton's extravagant years when its directors received substantial bonuses.

Sir Ralph Halpern received a £2m pay-off when he left the company in November 1990 and two other departing directors, Mr Paul Plant and Mr Michael Wood, received compensation packages of £200,000 and £350,000 respectively. Mr Cooklin is also entitled to unspecified bonus payments deferred from past years.

Burton's remaining executive directors have all been appointed since Sir Ralph's departure.

Ms Kimlan Cook, retail analyst at stockbrokers County NatWest, said Mr Cooklin had helped remedy some of the

worst mistakes of the past. "But he failed to make the necessary radical changes to the fashion multiples," she said.

Verdict, the retail consultancy, is about to publish a study which shows that Burton steadily lost market share in the year to August. Mr Richard Hyman, Verdict's director, estimated that Burton's share of the £17.3bn UK clothing market had fallen from 9.5 per cent to 8.8 per cent.

"The significance of Burton's figures has to be placed in the context of a strategy that has seen them sacrificing margin to maintain volume. They have given away margin and lost market share," he said.

Mr Richard North, Burton's finance director, said Burton had since stemmed this loss of market share and was perhaps now regaining it.

Lex, Page 18

Puma out of red with DM11m before tax

By Andrew Fisher in Frankfurt

PUMA, the German sports shoe and equipment company owned by Arminios of Sweden, has finally broken into profit. Its return to the black for 1991 follows several difficult years of stiff competition in the US market and production hold-ups in Asia.

The company made a group profit of around DM11m (£7m) before tax and restructuring costs. Mr Stefan Jacobsson, chief executive, said the move out of 1990's loss of DM9.4m made it clear the group was now on an upward trend. This would strengthen this year as the group came out with new products.

Puma had already foreshadowed a return to profit, despite having hopes of an end to its Far Eastern losses dashed by regional troubles in 1991. These stemmed from the organisational difficulties of shifting production to low-cost Indonesia, and a fire in the Philippines factory.

Formerly owned by members of the Dassler family, Puma slipped into loss in 1986, the year its preference shares were sold to the public. It has suffered from the success in the US of rivals such as Reebok and Nike and has since improved its management structure, marketing, and distribution.

BZW forced to scrap report on accounting proposals

By Richard Waters in London

BARCLAYS de Zotte Wedd, the investment banking arm of Barclays, yesterday announced it was scrapping a controversial research report after links of the share prices of the companies concerned.

The move by the broker follows strong complaints from some of the companies concerned, who accused it of being inaccurate and misleading.

BZW said: "Some comments in that report were capable of misunderstanding, this, and as a result of certain press comment, may have given rise to an inaccurate perception of the financial position of these companies."

The report, a draft of which is believed to have been sent to a number of investment institutions, and which attracted

press comment at the end of last week, concerned the likely effects of accounting changes proposed by the Accounting Standards Board on the published figures of five companies: Fisons, P&O, Cable & Wireless, Ladbroke, and British Airways.

At least three of these companies - Fisons, Cable & Wireless and British Airways - said yesterday the BZW draft had contained inaccuracies.

"We were in touch with BZW, and pointed out inaccuracies in their statement and examples which were open to misinterpretation," BA said. Cable & Wireless added: "We considered that the information that was coming out was misleading. On the basis of what we saw, we made representations to them [BZW]."

The BZW paper is believed to have redrafted the five companies' accounts as they would look under sweeping changes proposed to UK accounting by the ASB. The resulting earnings per share, balance sheet gearing, or both would have deteriorated in each case, the broker is believed to have said.

Mr Bill Smith, head of UK research at BZW, said early press comment on the report had been wrong. "It was not a position we wanted to see continue, and this was the best way of dealing with it."

Mr David Tweedie, ASB chairman, said redrafting published accounts to the board's new formats should not have had any impact on the companies' share price, since it simply involved looking at existing information in a new way.

Microsoft faces claim for \$4.36bn from Apple

By Louise Kehoe in San Francisco

MICROSOFT, the leading software supplier, said Apple Computer was seeking potentially crippling damages of \$4.36bn in the long-running software copyright infringement dispute between the US companies.

The outcome of the legal battle could have a profound impact upon the personal computer industry in which Microsoft is the leading software supplier.

Microsoft charged Apple's claim was "insupportable and speculative". The company denied infringing Apple copyrights and noted the court had yet to rule on infringement.

Apple filed its copyright infringement suit against Microsoft and Hewlett-Packard, the computer systems group, in 1988. It claimed an early version of Microsoft's Windows program produces computer screen displays copied from Apple Macintosh displays.

Microsoft has since sold over 5m copies of the latest version of Windows, introduced 10 months ago, which provides IBM-compatible personal computers with ease-of-use graphical interface features, previously unique to Apple Macintosh personal computers.

"These Windows products were not copied; they resulted from years of hard work by dedicated Microsoft employees," said Mr William H. Newkom, Microsoft's vice-president, Law and Corporate Affairs.

On Friday, Microsoft will file a motion for summary judgment, asking the court to dismiss Apple's remaining claim. It will also ask the court to apply its earlier rulings to the latest version of Windows.

Apple, however, said it was "increasingly confident" its infringement claims will be upheld and said it expected the case to go to a jury trial this summer.

Apple also contends that Microsoft's lawyers have misinterpreted the damages estimate which was obtained by Microsoft in the course of pre-trial discovery proceedings.

Whatever the outcome of the dispute, Apple has been acutely embarrassed by Microsoft's public statements. Previously, Apple executives have tried to play down the impact of Windows on the company's sales.

The evidence published by Microsoft suggests Apple lost over \$5m in profits as a direct result of Microsoft's launch of Windows. The balance of Apple's estimated damages is based upon Microsoft's revenues from sales of Windows and related products.

Hewlett-Packard, also named in the suit, has had only limited success with its NewWave program and Apple's claims against the company are expected to be much smaller. It also denies infringement.

Cut in interest charges helps lift Iberdrola

By Peter Bruce in Madrid

IBERDROLA, Spain's biggest private sector electricity utility, reports a 31.2 per cent increase in pre-tax profits for 1991, to Ptas87.6bn (£876m). It follows a sharp cut in interest charges, down nearly 6 per cent to Ptas19.9bn.

In its first result since the merger last year of the country's two leading private utilities, Iberduero and Hidrola, Iberdrola said it had finished the year in better shape than it had expected.

Cutting interest payments has become critical for Spain's heavily-borrowed utilities, as they are about to begin a series of generating plant investments to fulfil government energy requirement forecasts for the end of the century.

Iberdrola reported income of Ptas78.7bn, up some Ptas6bn from 1990. It said it had improved the quality of its profits by cutting deferred costs by Ptas1.1bn to Ptas18.5bn, capitalising some Ptas10bn worth of debt in mothballed nuclear plant, and by raising provisions by Ptas1bn.

Grupo Ibercorp seeks buyers for offshoots

By Tom Burns in Madrid

GRUPO IBERCORP, a Spanish financial services group, is negotiating buyers for its banking offshoot and for its broking business.

The group is seeking to sell some 30 per cent of its bank, Banco Ibercorp, to Banque D'Aril, a French banking business. It hopes to merge its broking arm with a fellow member of the Madrid Stock Exchange.

The search for partners or possible new owners for both enterprises illustrates the extent of the squeeze on margins facing smaller financial institutions in Spain.

Ibercorp's broking arm has been hit by the end of fixed broking commissions on the Madrid Stock Exchange. With most of the broking business now in the hands of the big Spanish banks, the operating margins of independent brokers have weakened significantly.

Yesterday's developments came amid an allegation by the Madrid newspaper, El Mundo, of possible fraud by Ibercorp's co-chairman, Mr Manuel de la

Concha, a former head of the Madrid Stock Exchange.

Mr de la Concha last night denied the allegations and said he was taking legal action against El Mundo.

According to El Mundo, Mr de la Concha falsified the names of a list of shareholders in 1990, which was subsequently submitted to the stock market regulatory commission following the its enquiries into the purchase of Ibercorp shares.

Mr de la Concha said buyers of the shares were identified to the commission at the time. Yesterday the Bank of Spain had no comment on the report.

Created in the early 1980s, the Ibercorp group was one of the first operations to be set up in Spain independently of the big banks to concentrate on asset management.

Known popularly as the "beautiful people's bank", it was backed by high net worth individuals and top socialites, some of whom were closely connected to senior members of the governing socialist party.

Shares in Baltic bank suspended

SHARES in Haale Bank, a small bank serving the Danish Baltic island of Bornholm, were suspended yesterday after the Finance Supervisors examined its accounts, writes Hilary Barnett in Copenhagen.

The bank has asked Riksbank, Denmark's third largest bank, to take it over.

On Monday, the supervisors forced another of the island's banks, Bornholmerbanken, into bankruptcy. Its assets were immediately acquired by Riksbank.

Mr Knud B. Larsen, who runs the island's co-operative grain and fodder company, has criticised the action.

Metals group begins flotations

By Andrew Fisher

German mining and industrial group, plans shortly to float 20 per cent of the shares in Buderus, one of the companies it bought from Feldmühle Nobel. It is considering two other such stock market moves this year.

Analysis estimates the three deals could raise around DM500m (£312m). Metallgesellschaft has said it intends to float a minority of the shares in Lurgi-Umwelt, its environmental engineering unit. Also under consideration is the flotation of a minority in Dynamit Nobel, also bought from Feldmühle.

Mr Heinz Schimmelbusch, Metallgesellschaft's chief executive, said Buderus, whose activities include building materials, heating and kitchen equipment, and stainless steel goods, made record profits in 1991.

As well as Dynamit Nobel (explosives and plastics), the DM1.45bn purchase from Feldmühle included Caracis (industrial ceramics).

Part of Buderus's investment plans involve a plant in Gera, east Germany, to help meet demand for heating equipment. Mr Schimmelbusch did not say how much the capital increase would raise. Metallgesellschaft will retain 80 per cent of the shares.

The group has followed a

policy of floating off minority stakes in important industrial and mining activities.

One quoted subsidiary is Kolbenschmidt, the motor components maker whose profits slumped last year. Mr Schimmelbusch said some of Kolbenschmidt's piston production would be transferred from Germany to lower-cost France and Brazil to improve profitability.

Kolbenschmidt's poor performance was one reason for the group's sharp drop in profits last year: others were low non-ferrous metals prices and start-up costs of new smelters.

Mr Schimmelbusch, however, expects a turnaround this year.

Ilva sells steel can subsidiary

By Haig Simonian in Milan

ILVA, the Italian state-owned steelmaker, has sold its subsidiary, Capolo Gestioni Industriali, to a group of investors in one of the country's biggest leveraged buy-outs.

Separately, Capolo is merging with Carlo Secchi, a company specialising in lithography on steel, which is a key step in printing on steel strip used for cans.

Capolo is Italy's second biggest producer of steel cans for the food industry and general packaging, with turnover of around L194bn (£182.6m) last

year. Together, the combined group will have sales of around L225bn a year.

The transaction is a further step in Italy's privatisation programme. It may also reflect the drive by Ilva, which is one of the government's main candidates for partial privatisation, to reduce debt and produce a profit for 1992.

Italian stock market rules require a company to show three straight years of profits before an initial public share offering can be made. Although Ilva had strong earnings in 1989 and 1990, last year was much tougher, and the company has been making a number of disposals to boost its extraordinary earnings.

The deal was organised by LBO Italia, the Italian arm of the big LBO France group, with Akros, the Milan merchant bank, advising the vendors.

The majority shareholder in the privatised Capolo is Europe Capital Partners, a big LBO fund. Meanwhile, Ilva will retain a stake of around 18 per cent in the new company.

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Sales at Ascom climb to Sfr3bn

ASCOM, the Swiss telecommunications and automation equipment maker, said sales rose 3 per cent last year to Sfr3.65bn (£2.1bn), writes Ian Rodgers from Zurich. Orders were flat at Sfr2.5bn.

Rieter, the textile machinery group, said it would report a small profit for 1991, despite difficult market conditions.

Revenue rises at Alitalia

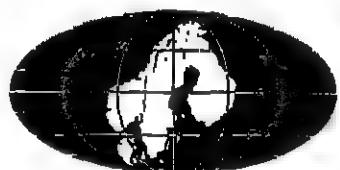
ALITALIA, Italy's state-owned national airline, reported a 7 per cent rise in revenue to almost L6,000bn (£5bn) last year, despite the effect on business of the Gulf war, writes Haig Simonian.

Mr Giovanni Bisignani, Alitalia's managing director, said earnings had recovered in the second half of last year, with operating profits of around

L60bn in July to December. The airline carried around 8.5m in the second half against a 18.2m for all of 1991. The second-half improvement may attenuate what is expected to be a heavy loss in 1992. At group level, Alitalia lost L123bn in the first half of 1991.

Mr Bisignani said the company was committed to its fleet renewal programme.

Buy-outs in Scandinavia



Enskilda Ventures Limited is the leading buy-out firm in the Nordic region with six completed transactions since 1990 and equity capital in excess of SEK 750 million available through Scandinavian Acquisition Capital. Scandinavian Acquisition Capital is comprised of Nordic institutional investors representing major pension funds, banks, insurance companies, industrial and holding companies.

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in a
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Equity was provided by
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Investment advisor was

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Hjem-Is Europa A/S

has acquired

Hemglass AB and Hjem-Is A/S
in a
Management buy-out

Equity was provided by
Scandinavian Acquisition Capital
and Management

Investment advisor was

Enskilda Ventures Limited

Investment Advisor to Scandinavian Acquisition Capital
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The division will be headed by:

Guy Fulbrook, First Vice President

with

Antony Stredwick, Vice President

David Pye, Vice President

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A Member of the Securities and Futures Authority

Prices for electricity generated for the period 1991-1992, by region and transmission company, in pence per kWh.

Region	Transmission Company	1991-1992	1992-1993	1993-1994
North	EDF	17.27	17.28	17.28
	British	17.10	18.01	21.28
	Yorkshire	17.10	18.01	21.28
	West	17.10	18.01	21.28
East	EDF	17.10	18.01	21.28
	British	17.10	18.01	21.28
	Yorkshire	17.10	18.01	21.28
	West	17.10	18.01	21.28
West	EDF	17.10	18.01	21.28
	British	17.10	18.01	21.28
	Yorkshire	17.10	18.01	21.28
	West	17.10	18.01	21.28
South	EDF	17.10	18.01	21.28
	British	17.10	18.01	21.28
	Yorkshire	17.10	18.01	21.28
	West	17.10	18.01	21.28

Prices are determined for every half-hour in each four-hour period. Prices are in pence per megawatt-hour, rounded to two decimal places. To convert prices to pence per kilowatt-hour the decimal point should be moved one place to the left. See CIBEX for more information.

Weekly net asset value
Leveraged Capital Holdings N.V.
as at 10.02.92 was US\$ 467.93
Listed on the Amsterdam Stock Exchange
Information:
Pierzen, Holding & Pieren N.V.
Rokin 55, 1012 KK Amsterdam
Tel: +31-20-5211410

This announcement appears as a matter of record only

THE BT SHARE OFFER



British Telecommunications public limited company

£5,433,750,000

Combined Offers

of
1,597,500,000 ordinary sharesby
The Lords Commissioners of H M Treasury

U.K. Public Offer

by
S.G. Warburg & Co. Ltd.of
1,050,000,000 ordinary shares

at 335p per share

International Tender Offer

of
547,500,000 ordinary shares

at 350p per share

Book running Lead Manager

S.G. Warburg Securities

Regional syndicates

United Kingdom and Republic of Ireland

S.G. Warburg Securities

Hoare Govett Corporate Finance Limited

Barclays de Zoete Wedd Securities Limited

Cazenove & Co.

Smith New Court Ltd

UBS Phillips & Drew Securities Limited

U.K. Retail Tender syndicate

S.G. Warburg Securities

Davy Stockbrokers J. M. Finn & Co. Henderson Crosthwaite Hill Osborne & Co. Paul E. Schneider Miller and Co. ShareLink Shaw & Co. Limited Shore Capital Stockbrokers Ltd Townsley & Co.
Allied Provincial Securities Ltd S.P. Angel & Co. Arnold, Stansby & Co. Assire & Partners Limited Barclays Stockbrokers Limited Bkuben-Whitefriers Limited Branson & Gochar Ltd Broadbridge Brown Shipley Stockbroking Limited
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Sheppard (Channel Islands) Limited Southard Gilbey, McNish & Co. R.L. Store & Co. (I.O.M.) Limited Svenska Handelsbanken, London Branch Torrie & Co. Waters Lunnies & Co. Limited Withers Baldwin & Co. Leicester

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ABN AMRO

Banque Bruxelles Lambert S.A.

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Bank van Haften Labouchere N.V.

Generale Bank

Kredietbank International Group

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Canada

Wood Gundy Inc.

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ScotiaMcLeod Inc.

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Caisse des Dépôts et Consignations

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Italy

Mediobanca—Banca di Credito Finanziario S.p.A.

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Japan

Daiwa Securities Co. Ltd.

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S.G. Warburg Soditic (Jersey) Ltd.

Leu Securities Limited

Lombard Odier International Underwriters S.A.

United States

Goldman, Sachs & Co.

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S.G. Warburg Securities

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Enskilda Securities

Potter Warburg Securities Limited

Unibank

Alpha Finance A.E.

Arab Banking Corporation (ABC)

Banco Bilbao Vizcaya, S.A.

Banco Nacional Ultramarino

Banco Santander de Negocios

Banco Totta & Açores

Buttle Wilson Limited

Daewoo Securities (Europe) Limited

The Development Bank of Singapore Ltd

EPISA—Engenharia Financeira, S.A.

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Inverlat International Inc.

National Bank of Greece

Ord Minnett Securities Limited

Oversea-Chinese Banking Corporation

RZB—Austria

Ssangyong Investment & Securities Co., Ltd.

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Union Bank of Finland Ltd

Global Co-ordinator of the Combined Offers

S.G. Warburg Securities

INTERNATIONAL COMPANIES AND CAPITAL MARKETS

US insurers warn on weak economy

By Nikki Tait in New York

TWO of the largest US composite insurers yesterday renewed warnings about the depressed state of the domestic property market and the impact of this on the sector, although both pointed to the benefits of earlier cost-cutting measures on underlying operations.

Travelers, the Hartford-based multi-line insurer, unveiled an after-tax profit of \$217.5m for the year, against its loss of \$178.4m in the previous 12 months. The improvement stemmed from a turnaround on the realised investment gain/loss front. In 1990, Travelers made a \$650m pre-tax addition to reserves to cover souring real estate investments and mortgage loans, causing it to register a net realised investment loss of \$566m. Last year, there was a net realised investment gain of \$1m, plus a further \$10.4m tax

credit - although the company did add a further \$100m pre-tax to reserves due to the real estate situation, of which \$56m fell in the final quarter.

Commenting on the figures, Travelers warned "weakness in the economy continues to delay any meaningful improvement in the real estate markets", but it claimed to have established "substantial reserves in anticipation of the environment we foresee".

Write-offs during the year on the property front totalled \$370m, taking the real estate reserve balance at the end of the year to \$908m, against over \$1bn a year ago.

Travelers' net income before investment gains/losses was actually lower in 1991, at \$306m, against \$388m. Again, real estate took its toll, with "underperforming" mortgage loans depressing investment income. However, it reported

an improvement in underlying property-casualty operations, where it claimed earlier restructuring moves had improved the cost structure. Its shares rose 1/2 to \$23.

At Aetna Life & Casualty, net profits fell from \$614m in 1990 to \$505m last year. Again, the difference is largely explained by investment gains/losses and the depressed state of the property market. Its shares rose 3/4 to \$45. Aetna's 1991 figures are scored after net realised capital losses of \$185m - which included a \$357m after-tax addition to reserves for potential mortgage loan and real estate write-downs. In 1990, net realised capital losses were \$82m, with a \$183m addition to reserves for property-related investments. The 1991 fourth-quarter addition to reserves for real estate investments was \$154m, against \$102m in the

Fujitsu and NEC warn of sharp profits fall

By Steven Butler in Tokyo

FUJITSU and NEC, two of Japan's leading computer companies, yesterday warned that profits in the year to end-March would fall sharply as a result of weakness in the markets for computers and computer components, including semi-conductor chips.

Fujitsu said yesterday that parent company pre-tax profits were expected to plunge by 60 per cent to ¥500m (\$394.9m), while consolidated pre-tax profits could be down by as much as 80 per cent to ¥300m.

NEC's parent company pre-tax earnings are likely to be off by 30 per cent to ¥100m, while consolidated results could be down by 45 per cent to ¥170m, the company said.

Scitex shrugs off difficulties with 31% improvement

By Hugh Carnegie in Jerusalem

SCITEX, the Israeli maker of electronic pre-press systems, yesterday reported a 31 per cent increase in net profits in 1991 to \$100.6m, dodging both the worst effects of recession in the US and Europe, its main markets, and the collapse of the Robert Maxwell empire with which it was associated.

The profit rise was much less spectacular than the more than 100 per cent increase of the two previous years, but Scitex executives were far from disappointed, given the circumstances.

Mr Maxwell was chairman and controlled 15 per cent of Scitex until little more than a month before his death when he sold out. It subsequently emerged that the shares were owned by Maxwell pension funds, not the private Robert Maxwell Group as previously thought, but proceeds from the sale worth \$107m (\$192.6m) had gone to the Robert Maxwell Group instead of the pension funds.

"He never had much impact on the running of our business, even as chairman," Mr Giora

Bitan, Scitex's chief financial officer, said yesterday.

"But to have had a substantial portion of our shares in the hands of the Maxwell receivers is not something we would have liked."

Mr Bitan said the quick productive returns Scitex equipment offered printers and publishers had bolstered demand, despite the recession. Sales and service revenue rose 22 per cent from \$251.5m in 1990 to \$309.2m in 1991.

He said the outlook for 1992 was "not easy, and said the company was increasingly targeting the growing 'mid-range' market where small print houses were switching from black and white to colour reproduction.

Gencor criticised over terms of issue

By Kenneth Gooding Mining Correspondent

GENCOR, the South African mining and industrial group, is facing complaints that its R2bn (\$740.7m) rights issue is unfair to UK shareholders.

The terms which have been offered to UK shareholders, who account for about 3 per cent of Gencor's issued capital, are very unusual because they are at a fixed sterling price of 173p a share.

All other shareholders must pay in rand.

Analysts can remember only one other similar offer, by Goldfields of South Africa two years ago.

Complaints have been made because, since Gencor fixed the terms, the financial rand has fallen from 5.84 to the pound to 6.3 and virtually wiped out the value of the "nil paid" rights to UK shareholders.

In contrast, South African registered, non-resident shareholders, have rights which are worth about 28p a share.

Gencor's broker, Smith New Court, said a previous Gencor R1.5bn rights issue in July 1989, met a very bad response from UK shareholders who lost money by allowing their rights to lapse.

Itate shareholders subsequently told Gencor it had been difficult to obtain financial funds from UK clearing banks.

"Gencor has many requests to do subsequent rights issues in sterling. We knew it was risky but we tried to help. This has been done with the best intentions."

"Currencies can move back and the closing date is not until February 28," said a Smith New Court official.

Mr Michael Coulson, analyst at J.P. Morgan & Co, commented: "Gencor has successfully been building a good image with the London financial community over the past two years. This could put a dent in that process."

He pointed out that another South African company, Tiger Oats, in a current rights issue, which also has Smith New Court as broker, hopes to solve the problem in a different way - by pointing out a small UK shareholder in the direction of Nedbank for their financial funds.

Campbell Soup profits improve 19% to \$160.6m

By Nikki Tait in New York

CAMPBELL SOUP, the large US food group, announced a 19 per cent improvement in after-tax earnings to \$160.6m for the three months to January 26 following profit improvements in its core North American operations.

In the same period a year earlier, the second quarter of Campbell's financial year, the company made a net \$135.3m.

Campbell's total sales declined by 1 per cent, to \$1.75bn, while earnings per share increased in line with net profits to 64 cents.

The company said operating profits from North America were up by 18 per cent to \$361.1m, with sales from continuing businesses rising by 3 per cent. Soup unit volumes improved by 6 per cent, helped partly by the acquisition of a noodle manufacturer and some new lines.

In the biscuit and bakery division, operating profits declined by 5 per cent to \$24.9m, while marketing expenditure increased in a fiercely competitive sector.

At Campbell International, profits were flat at \$14.2m, although operating margins improved.

Overall, Campbell operating profits in the second quarter were 15 per cent higher at \$800.2m.

At the half-way stage, earnings advanced to \$299.8m from \$240.4m last time, on sales down at \$3.29bn, against \$3.37bn.

In early trading, Campbell shares rose 3/4 to \$39 3/8 on the news.

Record sales at largest US tool manufacturer

By Andrew Baxter

GIDDINGS & LEWIS, the largest US machine tool manufacturer, yesterday reported its highest sales and earnings since it went public in 1989, due to continued strong demand for its industrial automation systems.

G&L, which took over its struggling rival, Cross & Trecker late last year, raised operating net earnings from \$18.4m, or \$1.73 a share, in 1990 to \$21.3m, or \$1.84, last year. The figures include Cross & Trecker from October 31, but exclude tax credits of 6 cents and 12 cents a share in 1991 and 1990 respectively.

Fourth-quarter operating net earnings rose from \$4.75m to \$6.3m, but earnings per share fell from 45 to 43 cents on increased shares outstanding. Revenues jumped from \$90m to \$131.1m for the quarter, and from \$243m to \$325.6m for the year.

The company reported record bookings of \$203.7m in the fourth quarter, up from \$70.9m a year earlier. Mr William Fife, chairman and chief executive, said quotations for new equipment had picked up significantly since the acquisition.

The deal turned Giddings & Lewis into the world's fourth largest machine tool producer, and was aimed partly at expanding the company's presence in continental Europe where C&T was stronger. Mr Fife said about 35 per cent of fourth-quarter bookings were from Europe.

He added that Giddings & Lewis was ahead of schedule in bringing all parts of the acquired company under one umbrella.

On Tuesday, Cincinnati Milacron, another large US machine tool producer, reported a return to profit in the fourth quarter but a \$100.2m net loss for the year.

Mr Daniel Mayer, Milacron's chairman, predicted that 1992 would be profitable, thanks to lower costs, new products and a sizeable backlog, although he expected a slow start quarter.

ITT posts 14.7% decline in earnings

By Alan Friedman in New York

ITT, the US conglomerate, posted the steepest decline in earnings since the start of the recession, and the strength of the US dollar for a 14.7 per cent drop in its 1991 net earnings to \$817m, or \$6.06 a share.

The New York-based group recorded a 1 per cent decline in 1991 revenues, to \$30.4bn. However, it said the operating income and financial strength were sufficient to permit an increase in the annual dividend.

ITT said three of its four service businesses improved their operating earnings in 1991. These were the Hartford Insurance group, the ITT communications and information services division and the ITT financial arm.

The ITT Sheraton hotel business suffered lower earnings as a result of lower occupancy rates, which reflected reduced travel in the US and the impact of recession.

Net income in the fourth quarter of 1991 was \$156m, or \$1.44 a share, more than double the \$84m, or 85 cents, earned in the last quarter of 1990. But the 1991 fourth quarter included after-tax portfolio gains totalling \$79m at the ITT Hartford Insurance group and ITT financial division. Fourth-quarter revenues fell by 2 per cent, to \$3.55bn.

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INTERNATIONAL CAPITAL MARKETS

Crédit Foncier launches Ecu750m 12-year issue

By Simon London

CREDIT FONCIER, the French public-sector housing finance agency, yesterday launched a Ecu750m 12-year issue in the international market.

Outstanding Ecu bonds weakened as dealers and investors anticipated heavy supply of new issues. Denmark is planning a Ecu1bn domestic bond issue before the end of this month. Spain and the European Community are considering large issues in the international market.

Yesterday's deal, led by Paribas Capital Markets, creates a benchmark at the 12-year maturity. This attracted institutional investors wanting to buy longer-dated Ecu paper.

In addition, firms in the management group have the option of increasing their allotment by one third if demand is strong, so the deal may be increased to Ecu1bn next week, further improving liquidity.

Against this, demand for Ecu bonds remained sluggish and participants commented that bonds offered a fair, but not generous, yield. The paper carries a coupon of 8% per cent and will be priced today to yield 7.5 basis points more than the 10-year maturity.

Elsewhere, KfW, the German state project finance agency, launched a Ecu250m five-year deal, led by Citicorp International. With a coupon of 8% per cent, the bonds were priced to yield 3.4 basis points more than comparable Canadian government paper, again considered ungenerous by participants, given poor market conditions.

Canadian dollar bond prices have fallen sharply this month following a strong performance for most of last year. Government

INTERNATIONAL BONDS

market bond yields at the five-year maturity have risen from 7.25 to nearly 8 per cent since the start of this year.

While there are pockets of demand for new bonds, many investors remain nervous. From a fixed-rented price of 99.80, the bonds traded down to 99.70 bid by the close.

A retail targeted C\$100m five-year deal was launched by Credit Lyonnais, led by Citicorp International. The 8% per cent bonds were priced to yield 10 or 11 basis points more than the KfW issue, reflecting the issuer's lower credit quality.

There was no fixed-rented offer, but the bonds were bid 1.88 points below issue price by the close, just inside full fees of 1.875 per cent.

Stet, the Italian state telecommunications agency yesterday fixed the exercise price of warrants at L1480. The warrants were part of Stet's L400bn equity-linked bond issue launched last month.

Mexico sets its sights on derivatives trading

Damian Fraser reports on the country's plan to offer on-shore warrants and options

BY JUNE, Mexico's stock market authorities plan to be offering listed warrants on the Bolsa Index and on some 10 to 12 leading stocks. The move is an effort to bolster liquidity and stem the growing tide of derivative business conducted off-shore.

Mr Guillermo Prieta, vice-president at the Comisión Nacional de Valores (CNV), said the creation of covered warrants would itself increase turnover in the underlying market. He said investors would also be able to use the warrants to protect their investment portfolios from unfavourable price changes.

If the warrants market is successful, the CNV would establish a listed options market for the Mexican stock market. In a third stage, the authorities plan to set up a financial futures market.

Mr Prieta also revealed that

Mexico would shortly introduce an intermediate market for the thousand or so businesses worth between \$3m and \$30m. The listing requirements for the smaller companies market will be lighter than those in the main Bolsa.

Foreign and domestic investors interested in buying options on the Bolsa currently have to buy offshore warrants listed in Luxembourg on behalf of Mexican stocks offered by Merrill Lynch, Nomura and the Mexican bank Banamex.

Merrill Lynch also offers covered warrants on seven individual Mexican stocks. US-listed options on Telcel, the telephone monopoly, whose American Depositary Receipts (ADRs) are traded on the New York Stock Exchange, are also available.

These have proved popular, and have threatened to divert business away from the underlying Mexican stock market, according to Mr Juan José

Sánchez, head of derivatives at Banamex. As securities houses sell options and warrants mainly on ADRs, they have tended to buy and sell the underlying ADR, rather than the Mexican stock, to cover the risk.

At the end of 1991, some 74.3 per cent of foreign investment, or \$14.2bn in Mexican stocks, was in the form of US-based ADRs. This was mainly because many US institutional investors are only allowed to buy dollar-denominated shares. But the demand for Mexican-listed stocks has also been damped by the high cost of buying them, their low liquidity and constraints on hedging - problems which will be reduced when Mexico introduces its own options market.

The Mexican brokerages hope that if derivatives they will also attract more foreign investment in Mexican-listed stocks.

Foreign investors seem to agree. Mr Lincoln Rathbone of

Scnders, Stevens, and Peabody, points out that if the derivatives are liquid, "it is a big plus for Mexico... since this allows you to employ tools regarding controlling risk that we are used to".

Mr Tim Davies, of James Capel, echoes this view. "There is no real way to hedge the country risk of investing in Mexico - that makes some foreign investors more hesitant."

The Mexican warrants will also be on-shore, and thus open to many more US and Mexican institutional investors than the Luxembourg warrants.

However, foreign investors may not gravitate to Mexican warrants if the regulators do not guarantee the warrants and options through a controlled clearing system, as happens in the US. Without guarantees, the purchaser of a warrant or option is accepting the credit risk of the Mexican broker or bank that issues the option - which often is significant. (Under Mexican law only

domestic institutions will be able to issue derivatives).

Mr Suarez, of Banamex, suggests further problems. The Bolsa prohibits margin trading; short sales are almost impossible because of burdensome regulation; brokerage fees are much higher than in the US; and proprietary trading, essential to liquidity, is difficult. All these restrictions make it impossible to use options and warrants as proper and efficient hedges (because they inhibit the arbitrage between the underlying and derivative market). Investors will probably continue using off-shore instruments, if they are legally free to do so.

Mr Prieta seems aware that the regulation of Mexico's underlying Bolsa needs to be eased, and suggested that in the near future some restrictions will be lifted, including those on proprietary trading. This should increase liquidity, and allow the Mexican market to compete more effectively.

ABN-Amro to advise Polish bank

By Christopher Bobinski in Warsaw

ABN-AMRO Bank of the Netherlands has signed a \$3.6m agreement to provide management advice to the industry and Commerce Bank in Krakow, one of Poland's largest state-owned banks.

The two-year agreement is part of a "twinning" scheme involving eight of Poland's largest state banks and western banks. It is financed by the World Bank through a \$200m loan designed to help develop Polish banks.

Midland Bank of the UK and Unibank of Denmark have signed similar agreements with two other Polish banks.

ABN-Amro is already involved in Poland with an 18 per cent share in the International Bank of Poland, a new consortium bank capitalised at \$30m.

ABN-Amro and Australian Pacific of San Francisco have also established a small consulting company in Poland, Europe Pacific Investment.

US Treasuries weaken ahead of auction

By Patrick Harriverson in New York and Richard Waters in London

THE Treasury's quarterly refunding programme remained the dominant influence on US bond market sentiment yesterday morning, with bond prices weaker across the board ahead of the afternoon auction of 10-year notes.

GOVERNMENT BONDS

By midday the benchmark 30-year government issue was down 1/4 at 104 1/2, yielding 7.805 per cent. The two-year note was also lower, down 1/4 at 98 1/2, yielding 5.043 per cent.

There was little sporadic buying and selling during the morning. The main objective among participants was to establish secure positions in advance of the 10-year auction.

Demand for the new securities was expected to be relatively light, although the steepness of the yield curve suggested there might be more interest in the 10-year note than was displayed in the three-year notes on Tuesday.

The final leg of the refunding is later today, when the

Treasury sells \$10bn of 30-year bonds.

THE PRICES of longer-dated US gilts edged higher yesterday on continuing signs of economic weakness, although prices slid marginally at the short end on weaker hopes of an early cut in interest rates.

The latest quarterly bulletin from the Bank of England, published yesterday, gave little evidence of economic recovery, although in the assessment, the Bank said that it still expected recovery this year. Analysts also expect to find little sign of recovery in employment data due today or inflation data on Friday.

The benchmark 11% per cent bond due 2007/07 drifted from 111 1/2 to 111 1/4 during the day. In a light day on Liffe, with only 16,000 contracts traded, the long gilt future rose from its opening of 97.37 to close near the high of the day at 98.00.

In contrast, the 10 per cent gilt due 1994 fell by 1/4 of a point to 104 1/4.

PRICES of German government bonds remained generally firm, with \$4,000 of the

BENCHMARK GOVERNMENT BONDS

	Coupon	Red Date	Price	Change	Yield	Week Ago	Month Ago
AUSTRALIA	10.000	10/02	98.5219	+0.285	10.07	10.24	9.94
BELGIUM	9.500	08/01	102.1500	-0.050	8.95	8.98	8.70
CANADA	8.500	04/01	105.0500	-0.250	8.24	8.35	7.95
FRANCE	8.500	11/02	102.7708	-0.100	8.53	8.57	8.24
GERMANY	8.500	01/02	102.0572	-0.078	8.58	8.74	8.70
ITALY	12.000	02/02	98.4500	-0.080	11.27	11.27	11.00
JAPAN	No Tfr	4/00	08.000	-0.300	8.86	8.80	8.80
NETHERLANDS	8.500	02/02	105.8400	-0.100	8.27	8.35	8.35
SPAIN	11.500	01/01	102.0000	-0.025	10.80	10.80	11.07
UK GILT	10.000	11/08	108.40	-0.40	8.47	8.55	8.65
US TREASURY	8.000	11/01	101.17	-0.20	7.28	7.34	6.80
			108.23	-0.02	7.22	7.25	7.40

London clearing, "London New York morning session". Yields: London clearing standard. Prices: UK, US in \$, others in local currency. Source: Reuters.

March 10-year bond contract traded.

Expectations that 10-year bond issues would remain scarce helped to keep prices firm, analysts said. Shorter-dated government bonds, by contrast, weakened.

JAPANESE government bond yields rose yesterday on fears for the yen. Reports that

the US Federal Reserve does not want to see any further depreciation in the dollar led to concern that intervention would hit the yen, helping to push Japanese government bonds down from their Monday close. (Yields rose a holiday). The yield on the benchmark 10-year bond rose from Monday's close of 6.445 per cent to 6.5 per cent during the day.

Moody's rates Asda below investment grade

THE LONG-TERM debt of Asda, the UK stores group, falls below investment grade, according to a report from Moody's, the US credit rating agency, writes Richard Waters.

Moody's assessment of Asda, at Baa1, one notch below investment grade, places the com-

pany two notches below the BBB rating accorded it by S&P, the UK credit rating agency.

Moody's also rated Asda's convertible capital (issued by Asda Group Finance) at Baa3, three places below investment grade, and said the British group's com-

mercial paper failed to qualify as Prime.

Moody's said the ratings reflect "on-going pressure on Asda's core earnings in the UK grocery market".

Asda refused to comment on the ratings, which were unclassified. Moody's ratings affect \$400m of long-term debt.

LONDON MARKET STATISTICS

FT-ACTUARIES SHARE INDICES

The Financial Times Ltd 1992. Compiled by the Financial Times Ltd in conjunction with the Institute of Actuaries and the Faculty of Actuaries.

EQUITY GROUPS		Wednesday February 12 1992									
A & SUB-SECTIONS		Index	Day's Change %	52 Week High (Index)	52 Week Low (Index)	YTD % Chg	1991 % Chg	1990 % Chg	1989 % Chg	1988 % Chg	1987 % Chg
Figures in parentheses show number of stocks per section											
1.	CAPITAL GROUPS (178)	777.04	+0.4	872.17	6.37	146.57	0.61	781.41	762.77	776.92	770.35
2.	Building Materials (23)	744.30	+0.4	751.67	18.51	0.44	740.86	740.46	735.29	706.60	
3.	Contracting, Construction (28)	777.94	+0.7	807.86	15.90	0.00	788.18	778.22	773.56	737.66	
4.	Electricals (7)	2465.12	-0.4	1010.10	12.43	1.47	2459.89	2462.17	2433.44	2400.70	
5.	Electronics (26)	1744.71	-1.0	1810.40	4.82	1.26	1782.99	1787.73	1763.37	1677.45	
6.	Engineering-Aerospace (2)	316.62	-1.4	16.86	8.21	7.21	317.17	330.55	308.11	296.55	
7.	Engineering-General (43)	482.10	-0.5	482.11	12.58	1.21	484.46	485.12	486.80	376.19	
8.	Metals and Metal Forming (10)	328.99	-0.3	212.10	10.56	-0.00	328.12	328.63	327.71	427.10	
9.	Motors (14)	303.27	-0.1	8.30	7.00	15.86	303.65	303.70	301.92	303.27	
10.	Other Industrial Materials (19)	1178.09	-0.8	7.62	5.19	15.80	0.69	1193.55	1194.42	1174.55	1163.94
11.	Textiles (10)	1448.98	-0.4	7.61	10.11	17.58	0.00	1448.98	1448.98	1448.98	1448.98
12.	Breweries and Distillers (23)	2579.31	-0.2	7.84	14.43	7.92	2622.40	2645.79	2608.52	2499.12	
13.	Food Manufacturing (18)	1254.53	-0.1	8.58	0.44	14.40	0.11	1258.24	1259.55	1251.34	1195.23
14.	Food Retailing (17)	2529.25	-0.1	7.30	3.26	14.93	0.39	2530.00	2528.19	2300.29	2468.34
15.	Health and Household (24)	1416.80	-0.9	5.14	22.21	0.86	1416.80	1416.80	1416.80	1416.80	1416.80
16.	Hotels and Leisure (23)	1285.18	-0.4	7.31	17.03	0.22	1277.87	1286.88	1265.77	1191.55	
17.	Media (24)	1488.65	-0.3	5.88	19.13	1.22	1492.50	1483.33	1477.94	1250.96	
18.	Packaging, Paper & Printing (17)	733.74	-0.1	7.02	4.40	17.36	0.22	736.61	737.99	702.85	755.90
19.	Stores (23)	1032.38	-0.6	7.15	10.57	1.09	1031.19	1035.45	1028.64	1038.00	
20.	Textiles (10)	1448.98	-0.4	33.46	4.96	17.52	0.23	1423.14	1419.24	1417.39	1425.23
21.	OTHER GROUPS (116)	1210.88	-0.2	9.56	12.66	6.34	1208.14	1215.24	1207.92	1168.68	
22.	Business Services (14)	1366.51	-0.4	7.40	17.38	0.07	1372.63	1368.28	1357.12	1366.92	
23.	Chemicals (21)	1493.58	-0.4	7.50	18.38	0.44	1487.20	1478.20	1474.98	1584.83	
24.	Communications (11)	1250.22	-0.3	11.51	8.04	1.08	1257.87	1257.88	1253.69	1251.55	
25.	Electricals (7)	2465.12	-0.2	3.31	7.43	24.87	2.40	2495.74	2575.36	2381.62	2136.32
26.	Electronics (26)	1744.71	-1.0	15.07	6.85	17.21	1285.44	1290.04	1282.98	1166.94	
27.	Telephone Networks (4)	1396.79	-1.7	13.23	4.49	12.62	1356.19	1327.12	1404.93	1391.14	1207.54
28.	Engineering-General (43)	482.10	+0.2	1.50	10.19	20.69	407.10	409.69	409.69	409.69	409.69
29.	Metals and Metal Forming (10)	1807.69	-1.5	5.67	5.40	24.11	0.95	1834.52	1765.75	1822.72	1706.58
30.	INDUSTRIAL GROUP (482)	269.59	-0.4	8.21	4.49	15.34	3.11	2624.25	2224.62	1286.24	1211.17
31.	Oil and Gas (18)	2115.87	-0.8	12.09	6.63	10.30	8.17	2135.13	2130.07	2072.54	2299.17
32.	S&P 500 INDEX (890)	2365.08	-0.4	8.63	7.73	14.61	3.26	1370.68	1370.62	1360.21	1417.35
33.	FINANCIAL GROUP (87)	711.14	-0.9	6.53			2.71	717.85	718.30	717.14	767.14
34.	Banks (9)	866.32	-1.3	4.43	6.13	45.92	1.59	871.00	873.71	870.26	855.32
35.	Insurance (Life) (6)	1493.58	-0.4	13.96	13.96	13.96	13.96	1396.13	1396.13	1396.13	1396.13
36.	Insurance (Fire) (3)	71.14	-0.1	9.19	-	-	0.00	67.46	69.46	69.36	103.72
37.	Insurance (Brokers) (10)	968.47	-0.3	7.99	6.50	14.46	1.80	971.09	976.40	978.81	1029.39
38.	Merchant Banks (7)	474.32	-1.4	6.57	4.52	40.80	0.00	474.32	473.57	473.25	360.29
39.	Property (3)	765.64	-1.4	7.61	16.22	16.22	7.61	765.64	765.64	765.64	765.64
40.	Other Financial (10)	246.16	-1.1	8.12	7.29	16.27	0.00	245.27	243.73	241.58	247.90
41.	Investment Trusts (649)	1183.60	-0.2	-	3.68	-	2.02	1185.80	1173.90	1173.98	1058.00
42.	ALL-SHARE INDEX (654)	2579.31	-0.5	-	4.91	-	2.90	1205.47	1215.54	1207.23	1089.16
43.	ALL-SHARE INDEX (654)	2579.31	-0.5	-	4.91	-	2.90	1205.47	1215.54	1207.23	1089.16
FT-SE 100 SHARE INDEX (4)		2523.71	-1.4	2537.21	2537.21	2537.11	2536.41	2517.21	2514.31	2547.11	2567.31

UK COMPANY NEWS

BTP calls for £28m to help complete European jigsaw

By Jane Fuller

BTP, the specialist chemicals and industrial group, yesterday announced a £28m rights issue, part of which will be spent on two French adhesives businesses.

The 1-for-6 issue at 205p was launched with the group's share price of 252p virtually at an all-time high after outperforming the market by more than 40 per cent in the past year. It closed down 8p.

The £28m purchase of Lambotte and TRL, from Borden France and Sofragraf respectively, will continue the continental expansion of the Myrdin adhesives and textile coatings businesses that was first pushed forward via a rights issue 20 months ago. That funded the £15.5m purchase of Cerestair, the west German-based adhesives concern.

Mr Frank Buckley, chairman and chief executive, said continental activities already

extended to Scandinavia and Italy. France was "the last hole in the European jigsaw".

With an annual operating profit in the new subsidiaries of £1.1m on sales of £23m, there was scope to improve margins towards the 9 per cent average for the chemicals division. They would take the continental share of group turnover up to 34 per cent.

However, Mr Buckley said the most exciting project, which would take up £4.5m of the issue proceeds, was the building of a factory near Blackburn to produce preservatives for water-based industrial products.

Environmental concerns were pushing many of these products away from solvents, but the water-based alternatives "have to be preserved because bugs grow in water".

BTP had 60 per cent of the world market for preservatives

for cosmetics and toiletries, but this field was tiny compared with industrial applications, he said. The new factory, would be additional to the group's normal annual capital spending of about £5.5m.

Another £9.5m is earmarked for further deals, including a joint venture in India costing about £4m.

Initially the proceeds will wipe out debt of between £12m and £13m - gearing of 20 per cent. Mr Buckley said the group would have £3m to £3.5m cash at its March year-end.

Analysts are forecasting a rise of less than 21m in pre-tax profit from last year's £18m, with earnings per share reduced to about 15.2p (15.81p) by extra shares in issue.

The company intends to raise the final dividend to 8.5p, giving an expected total of 8.5p, a 5 per cent rise.

Watmoughs' £22m rights for Spanish print plant

By Richard Gourlay

WATMOUGHS, one of the UK's largest printers, yesterday announced a 1-for-4 underwritten rights issue at 350p to raise £22.5m for a new gravure printing facility in Spain.

The £25m plant will service five year contracts to print Hella magazine - the UK's most recent publishing success - Hella magazine, Hella's progenitor, and Blanco y Negro, a leading Sunday supplement, in Madrid.

Mr Patrick Walker, chairman, said the three contracts would require 80 per cent of the new plant's capacity when it comes on stream in spring 1993. It would be profitable at that level from day one.

The market welcomed the move, with Watmoughs' shares falling only 7p to 425p having earlier touched 405p on news of the rights issue.

The group is forecasting pre-tax profits of not less than £2m (£11.5m) for 1991 together with a final dividend of 9p, an increase of 0.25p.

Gravure printing of Sunday supplements and magazines like Marie Claire is becoming an increasingly international business. Watmoughs hopes the Spanish plant will give it a platform for the southern European market.

Mr Walker said the plant, which has been so painful over the past 18 months will come to a stop, he said.

Watmoughs' core DIY retailing

Wickes confident despite £6.72m loss

By John Thornhill

WICKES, the DIY and timber group which ran into severe financial problems as a result of an ill-judged acquisition, yesterday said it was turning round in spite of the continuing recession and an annual pre-tax deficit of £6.72m.

In the second half, the group produced a pre-tax profit of £2.2m, although this was not sufficient to offset a first half deficit of £12.9m. Last year it incurred a pre-tax loss of £7.6m.

Sales in the year fell from £623.5m to £525.8m. Losses per share were reduced to 2.1p (3.5p).

No dividend is declared although the company said it was its intention to resume dividends in 1992.

Mr Henry Sweetbaum, chairman, said the turnaround was the result of corrective action taken at the end of 1990 to sort out its troubled Hunter and Maiden timber businesses.

As both these businesses move into profit the bleeding that has been so painful over the past 18 months will come to a stop, he said.

Wickes' core DIY retailing



Wickes' DIY businesses continued to perform strongly

businesses continued to perform strongly with its UK division increasing pre-tax profits by 24 per cent.

The operations in mainland Europe produced an 80 per cent improvement in pre-tax profits. During the first half of this year the group will open

its 100th store.

Wickes was able to cut borrowings substantially following a rights issue in March. Debt fell by £55m to £27.1m.

Mr Sweetbaum said there had been little sign of economic recovery but he was

nevertheless confident of an improving trend in profitability.

COMMENT

The strength of Wickes' core business has never been in doubt even though its disastrous diversification into timber threatened its very survival. And with the numbers on the timber side eventually heading the right way, Wickes is re-emerging as a plausible recovery play. The company's specialist niche at the heavy end of the DIY market has protected it from the flak of the price war that has recently beset the mainstream DIY sector and it has continued to make encouraging progress in mainland Europe. Assuming no further nasty lurches in the economy, analysts are looking for pre-tax profits of £15m in the current year which offers a prospective multiple of almost 17 on yesterday's share price, which was 3p higher at 66p. Wickes' attractions have hardly gone unnoticed by the market but the shares may still offer good value on any weakness.

Allied Leisure edges ahead after interest cut

By Richard Gourlay

Allied Leisure, the tenpin bowling and nightclub group, yesterday reported a slight increase in interim profits, but only after a drop in interest charges after last year's £18m rights issue.

Pre-tax profits in the 25 weeks to January 5, rose from £1.63m to £1.65m on sales up 18 per cent at £16.6m. Interest fell from £1.6m to £758,000.

The group has also written off its investment in loss-making theme bars, taking a £3.23m extraordinary charge that includes anticipated losses until they are sold.



Richard Carr: challenging trading conditions

Mr Richard Carr, chairman, said the recession had created the most challenging trading conditions the company had ever experienced, but that it had "managed much better than the majority" of its competitors.

Bowling produced more than 90 per cent of operating profits, after profits from the dancing division fell by two thirds to £238,000.

Earnings per share fell from 6.92p to 3.68p but the interim dividend is maintained at 1.5p.

ICI Spanish paint buy

By Ian Hamilton Fazey

IMPERIAL Chemical Industries is buying Barnices Valentine of Barcelona, Spain's largest manufacturer of vehicle repair paints.

ICI already owns Valentine in France and the move fills a gap in the British group's southern European markets.

Barnices, which is privately owned, has turnover of £16m in a fragmented niche market in which only small quantities of high-value, specialised

coatings are used. ICI, however, will now be able to add its Autocolor products to Valentine's, using Barnices' distribution network.

The price was not disclosed at Barnices' request, but is unlikely to be significant. However, the acquisition is the first by ICI for more than 18 months, a period in which it has made numerous divestments.

The majority stake Watmoughs purchased last year in Reval, a Hungarian printer, has already given it a web-off-set capacity with which to develop new markets in eastern Europe, Mr Walker said.

The company already has about half the Sunday supplement market in the UK, and also prints travel and mail order catalogues.

Since its launch in 1988, Hella magazine has had a marked success in the UK, rising to a weekly circulation of 530,000. Packed with news of the rich and famous - a critical interview is as likely to be printed as a picture of a Calcutta slum.

Hella magazine, published with Hella by Hella SA, has an average weekly print run of 750,000 while Blanco y Negro, published by Prensa Espanola, has a 750,000 print run.

Analysis expect the plant to be dilutive on earnings this year, requiring an increase in borrowings that will lift gearing to a maximum of 40 per cent before the plant becomes cash generative in 1994.

General Consolidated net assets rise 12.7%

GENERAL Consolidated Investment Trust reported a net asset value of 155.8p at December 31 - an advance of 12.7 per cent over the previous year's 138p.

Sir Mark Thomson, chairman of this split-level trust, said its underperformance against market indices reflected some 37 per cent of the portfolio being invested in companies with market capitalisations below £250m.

Many had reduced or omitted

dividend payments in an attempt to conserve cash resources, he said.

Net revenue edged ahead to £4.78m (£4.7m), while earnings per share emerged at 10.7p, a marginal rise on the previous year's 10.6p.

As intimated in November, a final distribution of 2.75p is proposed, maintaining the total for the year at 10.41p.

A dividend of 2.25p is recommended on the stepped preference shares.

Recession-hit William Jackson falls to £431,000

A MUCH reduced operating surplus and exceptional charges hit William Jackson in the half year ended October 27. Pre-tax profit plunged from £1.65m to £431,000.

Mr Peter Oughtred, chairman, said the recession, pre-letting costs at Willeby Shopping Park and reorganisation charges all took their toll.

The company trades as a baker, meat products manufacturer, and discount stores operator.

Turnover rose to £101.4m (£99.2m) but operating profit fell to £15,000 (£23.3m). Exceptional charges were £222,000 comprising profit of £782,000 on sale of surplus stores less reorganisation expense of £460,000.

Earnings per share were 18.31p (45.26p).

Correction

Aitken Hume

Aitken Hume made a pre-tax profit of £2m in the year ended March 31 1991. The £1.7m exceptional charge reported in the FT of February 11 was for the previous financial year.

Refocused St Modwen declines 48%

By Paul Chesswright, Midlands Correspondent

PRE-TAX PROFITS at St Modwen Properties, the Birmingham-based group, fell 48 per cent, from £4.05m to £2.11m, in the year to November 30.

The figures matched a change in the shape of the group from a property developer with some rental income to a property investment company with a development stream.

Gross profits came to £10m, of which rental income contributed £5.4m and property development £4.6m. In the previous year the contributions were £4.3m and

£5.5m respectively.

Out of an operating profit of £7.6m interest charges took £5.5m compared with £4.3m the previous year. The rise is partly explained through the group stopping the capitalisation of interest charges on its developments.

Present gearing is 68 per cent, but during the year the group reduced its debt load from £56m to just under £40m. With lower interest rates, the borrowing cost this year should be reduced.

As the annual rent roll is now £9.9m and

rising, borrowing costs are covered. "We no longer need development profits to avoid loss," said Mr Anthony Glossop, chief executive. Development profits this year, in any case, will be lower than 1991.

A sharply lower tax charge, resulting from the holding as investments of developments in Enterprise Zones, left net profit at £2m (£2.78m) and earnings at 1.7p (2.3p). The dividend is 0.55p (0.5p).

There were no extraordinary charges, against a £2.14m provision against an investment in an associate.

GWR shares up since SCPSA man died

By Norma Cohen and Peggy Hollinger

SHARES IN Great Western Railway, the UK's oldest railway, rose 10p to 125p yesterday after the death of a former employee of SCPSA, died from a gunshot wound on February 1.

SCPSCA had charged GWR's coal division, Mr Clyde Gibbs, its former president, and Mr Norman with conspiracy, fraud and unfair trade practices. In papers filed in a South Carolina state court, SCPSCA alleged, among other things, that Great Western Coal and

Authority, which was at one time GWR's single largest customer.

Mr Norman, a former employee of SCPSCA, died from a gunshot wound on February 1.

SCPSCA had charged GWR's coal division, Mr Clyde Gibbs, its former president, and Mr Norman with conspiracy, fraud and unfair trade practices. In papers filed in a South Carolina state court, SCPSCA alleged, among other things, that Great Western Coal and

Mr Gibbs secretly paid Mr Norman to violate his duties as SCPSCA's purchasing manager.

When asked whether the death of Mr Norman would affect the litigation, Mr Howard Wolf, GWR chairman, said: "As every student of geometry knows, three points make a plane. If one of those points is removed, obviously there has been a change."

However, Mr John Henschen, general counsel at SCPSCA, said: "The litigation is ongoing and the death of Joe Norman

does not negatively impact our case."

He added that SCPSCA's civil case against GWR would proceed as soon as appeals by GWR were disposed of in two federal courts.

In recent weeks, three directors have purchased GWR shares: Mr Gary Loveless, who bought 1m at 8p on Tuesday, Mr Bill Syson, who bought 150,000 at 8p on February 4, and Mr Wayne Phelan who bought 104,167 at 12.6p last night.

COMPANY NEWS IN BRIEF

ALLIED-LYONS has sold its home baking mixes and chocolate businesses to the US-based Borden Group. Consideration was not material in relation to Allied-Lyons' net assets. The company has also acquired, through its Dunkin' Donuts subsidiary, the name, trade marks and business of the Michigan-based Dawn Donuts chain, for an amount not material in relation to its assets. The purchase adds 51 doughnut stores to its 2,500 total worldwide.

CSW GROUP, announced full and final settlement of all of its obligations relating to premises at 750 Fifth Avenue, New York.

FLEXTECH subsidiary Flextech Communications, has entered into a joint venture agreement with United Artists Children's Channel to enable it to increase its holding in the share and loan capital of Starstream from 68.8 per cent to 74.8 per cent. Starstream trades as The Children's Channel, broadcast

on satellite television. Funding will come as a result of USFC subscribing £5m for a 32.7 per cent interest in Flexcom.

HARVEY & THOMPSON has completed the disposal of its pawnbroking business, and has changed its name to Lightship. The group will move out of trade finance over the next two years.

OLIM CONVERTIBLE Trust lifted net asset value from £1.85p to £0.57p over the year to December 31. Net income

was £1.5m (£1.58m) and earnings per share fell to 9.59p (10.59p). Total dividend 5.5p (8.15p) as already announced.

WILSHAW has conditionally agreed to acquire the French and Belgian-based Tractopelle companies for a total £2.91m including deferred consideration of £245,000. The two companies, which supply replacement tractor parts, had turnover of £4.98m and pre-tax profits of £201,000 for the 10 months to October 31 1991.

This announcement appears as a matter of record only



TELESP

TELECOMUNICAÇÕES DE SÃO PAULO S.A. - TELESP

USD 100,000,000

10 % Notes due 1995

Issue Price 95.44 %

BANQUE INDOSUEZ

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BANCO DO BRASIL S.A. CITICORP INVESTMENT BANK LIMITED
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PACTUAL OVERSEAS CORPORATION UNIBANCO-UNIAO DE BANCOS BRASILEIROS S.A.
GRAND CAYMAN BRANCH
VESTRUST SECURITIES INC.This transaction has been arranged by
INDOSUEZ AMERICA LATINA S.A.

February 1992

NOTICE OF REDEMPTION

MORTGAGE FUNDING CORPORATION NO. 2 PLC

Class B-1 Mortgage Backed Floating Rate Notes
Due August 2023

NOTICE IS HEREBY GIVEN to Bankers Trust Company Limited (the "Trustee") and to the holders of the Class B-1 Mortgage Backed Floating Rate Notes Due August 2023 (the "Class B-1 Notes") of Mortgage Funding Corporation No. 2 PLC (the "Issuer") that, pursuant to the Trust Deed dated 31st August, 1988 (the "Trust Deed"), between the Issuer and the Trustee, and the Agency Agreement dated 31st August, 1988 (the "Agency Agreement"), between the Issuer and Morgan Guaranty Trust Company of New York (the "Principal Paying Agent") and others, the Issuer has determined that in accordance with the Redemption provisions set out in the Terms and Conditions of the Class B-1 Notes, Class B-1 Notes in the amount of \$4,000,000 will be redeemed on 28th February, 1992 (the "Redemption Date"). The Class B-1 Notes selected by drawing in lots of £100,000 for redemption on the Redemption Date at a redemption price (the "Redemption Price") equal to their principal amount, together with accrued interest thereon are as follows:

OUTSTANDING CLASS B-1 NOTES OF \$100,000 EACH BEARING

THE DISTINCTIVE SERIAL NUMBERS SET OUT BELOW

Bearing Notes

95	105	112	114	167	177	180	189	197
222	370	371	379	400	409	424	437	447
465	518	529	560	574	589	630	639	681
742	807	825	828	919	931	939	967	1038
1070	1116	1186	1187					

The Class B-1 Notes may be surrendered for redemption at the specified office of any of the Paying Agents, which are as follows:

Morgan Guaranty Trust Company
of New York
60 Victoria Embankment
London EC4Y 0JP

Union de Banques Suisses
(Luxembourg) S.A.
36-38 Grand-rue
L-2011
Luxembourg

Morgan Guaranty Trust Company
of New York
Avenue Des Arts 35
B-1040 Brussels, Belgium

Morgan Guaranty Trust Company
of New York
55 Exchange Place, Basement A
New York, New York 10260-0023
Attn: Corporate Trust Operations

In respect of Bearer Class B-1 Notes, the Redemption Price will be paid upon presentation and surrender, on or after the Redemption Date, of such Notes together with all unremitted coupons and talons appertaining thereto. Such payment will be made (i) in sterling at the specified office of the Paying Agent in London or (ii) at the specified office of any Paying Agent listed above by sterling cheque drawn on, or at the option of the holder by transfer to a sterling account maintained by the payee with, a Town Clerking branch of a bank in London. On or after the Redemption Date interest shall cease to accrue on the Class B-1 Notes which are the subject of this Notice of Redemption.

MORTGAGE FUNDING CORPORATION NO. 2 PLC

By: Morgan Guaranty Trust Company
as Principal Paying Agent

Dated: 13th February, 1992

NOTICE

Withholding of 20% of gross redemption proceeds of any payment made within the United States is required by the Interest and Dividend Tax Compliance Act of 1983 unless the paying agency has the correct taxpayer identification number (social security or employer identification number) or exemption certificate of the Payee. Please furnish a properly completed Form W-9 or exemption certificate or equivalent if presenting your Class B-1 Notes to the paying agency's New York Office.

NOTICE TO THE WARRANTHOLDERS OF

SEIYU

THE SEIYU, LTD.

US \$250,000,000

4% Bonds Due 1994 with Warrants
to Subscribe for Shares of Common Stock of
THE SEIYU, LTD.

Pursuant to Clause 4(A) and (B) of the Instrument dated 2nd August, 1990 (the "Instrument") relating to the above-captioned warrants (the "Warrants"), notice is hereby given as follows:

In accordance with the resolutions of the Board of Directors of The Seiyu, Ltd. (the "Company") adopted at the meeting held on 17th January, 1992, the Company will make a free distribution of shares of its common stock (the "Shares") to its shareholders of record as of 29th February, 1992 by way of a stock split in the ratio of 0.1 Share for each Share held.

Consequently, the Subscription Price of the Warrants (as defined in the Instrument) will be adjusted pursuant to Clause 3(f) of the Instrument as set forth below:

Subscription Price before adjustment: ¥2,040.90
Subscription Price after adjustment: ¥1,855.40
Effective date of adjustment will be 1st March, 1992 (Japan time).

LTCB

The Long-Term Credit Bank of Japan, Ltd., London
as Agent Bank for and on behalf of
THE SEIYU, LTD.

Dated: 13th February, 1992

U.S. \$300,000,000



Republic of Indonesia

Floating Rate Notes due February 2001

In accordance with the provisions of the Notes, notice is hereby given that for the interest period from February 13, 1992 to August 13, 1992 the Notes will carry an interest rate of 5 1/4% per annum. The interest payable on the relevant interest payment date, August 13, 1992 will be U.S. \$6,635.42 and U.S. \$265.42 respectively for Notes in denominations of U.S. \$250,000 and U.S. \$10,000.

By: The Chase Manhattan Bank, N.A.
London, Agent Bank

February 13, 1992

CHASE

UK COMPANY NEWS

Wimpey continues disposal programme with £45m sale

By Andrew Taylor, Construction Correspondent

GEORGE WIMPEY, the construction group which last year embarked on a disposal programme to reduce debts, yesterday announced that it had raised a further £45m from the sale of St. Alphage House, a central London office block.

Since the summer the group has accrued more than £200m from the sale of properties and the disposal of its waste management and offshore engineering businesses.

Wimpey yesterday declined to name the purchaser of the 20-storey St. Alphage House which it acquired in 1978. The profit on the sale, given the length of time the building has been on the group's books, is thought to have been in excess of £20m.

Mr Joe Dwyer, chief executive, said that the sale would "further strengthen the group's balance sheet and investment capability".

At the end of June Wimpey had net debt of £372m - equivalent to almost 80 per cent of shareholders' funds. Debts were expected to have been reduced to less than £200m by the end of last year following the £165m sale of Wimpey's waste management business to a joint venture between Wessex Water and Waste Management of the US.



Joe Dwyer: strengthening the group's balance sheet

In the autumn the group also sold - for £110m - its 50 per cent stake in Little Britain, another central London office development.

The cash from the sale of Little Britain will not become available until the second half of this year. Other disposals include Wimpey's Coppergate development in York for about £20m and the sale for less than

£10m of the group's offshore engineering business.

Last night brokers said the St. Alphage sale might help underpin the final dividend when Wimpey announces its annual results next month. The dividend is thought to have been under pressure since the slump in first-half pre-tax profits from £12.6m to just £200,000.

Monarch of the Glen protected by English Laird

James Buxton charts Fullarton's 14-year expansion in Scotland's computer industry

NOT MANY UK manufacturing companies expect their turnover this year to be at least 50 per cent more than it was in 1990. Yet that is the forecast at Fullarton Fabrication, a Scottish company which supplies components and sub-assemblies to the computer industry.

Fullarton is in the throes of the biggest investment programme in its 14-year history, spending £4.5m on increasing capacity at its eight plants in Irvine, Ayrshire. It expects this year's sales to exceed £50m - against £32m in 1990 - and envisages its workforce increasing by 140 to 1,400 over the 12 months.

Fullarton is one of the few UK companies to exploit the concentration of large electronics manufacturing companies in Silicon Glen, the popular name for the Scottish electronics industry, and thus to compete with components suppliers from the Far East from which the multinationals draw many of their supplies.

It is also unusual because it is to a large extent the creation of one man, Mr Allan McLuckie, its managing director. However, it operates with considerable autonomy as a subsidiary of the Laird Group, the London-based car parts, plastics and building products group.

Fullarton was set up in 1978 by Mr McLuckie and five other

men when the night storage radiator manufacturer, where they had worked their way up from the shop floor, got into difficulties. They initially directed their metal-working skills to making farm gates and electricity meter boxes, but the objective was to become a sub-contractor to the computer industry.

In 1979 Mr McLuckie, a tenacious Scot who wastes neither time nor words, achieved the remarkable feat of coaxing International Business Machines' plant at Havant, Hampshire, into buying metal casings for its computers from Fullarton when it had fewer than 30 employees.

By 1984 turnover had reached £4.2m and Fullarton employed 180 people producing components for the computer industry in high volume. But Mr McLuckie and his colleagues reluctantly decided that further growth would require constant heavy investment and, as he puts it, "Success was bringing its own problems: six guys were spending a lot of time running round the boardroom table."

In early 1985 Fullarton accepted an approach from Laird and sold out. Laird insisted on orderly financial planning to avoid the occasional overtrading of the past. Mr McLuckie now reports to Mr Ian Arnott, Laird's managing director, but says: "We still

look at this company as if we own it. Laird has given us the freedom to run our business."

Since then Fullarton has invested £3.7m (not including the current £4m programme) in expansion, with contributions from Laird supplemented by grants from the Scottish Office. It has expanded into electrical assembly, cable assembly and plastic injection moulding, and now operates seven plants.

Fullarton's success - it is now the largest employer in Irvine - is based on the acceptance that it exists to serve the multinationals. "We're just the meat in the sandwich. We don't control our own destiny," says Mr McLuckie. Supply contracts are often arranged at short notice and can be cancelled equally quickly, and delivery is normally on a just-in-time basis.

Fullarton assembles key-boards for personal computers for IBM's plant at nearby Greenock, and installs electrical components and cabling in sheet metal computer casings. Its other local customers, all within about 70 miles, include Oki, the Japanese printer maker, at Cumbernauld and Compaq at Enslin, as well as Hewlett-Packard, Mitsubishi, Unisys and Tixar. It now supplies Intel, the US company, with PC cases in Oregon, as well as Ireland.

Like many other company managing directors, Mr McLuckie says: "Our best asset is our people." What may make Fullarton different is that in addition to building a training and education centre, it brings all its employees up to date on the state of the company about every six weeks.

Staff are bussed to the training centre in groups of about 80 and Mr McLuckie spends about an hour and a half briefing each group. It takes about 18 sessions and means interrupting production over a week and a half. Mr McLuckie says it pays off in terms of commitment and productivity.

From Laird's point of view Fullarton is a profitable investment (though pre-tax profit fell from £2m in 1989 to £1.6m in 1990 on sales ahead from £30m to £32m) and is likely to grow further. Laird executives visit Irvine only about three times a year and there are no Laird appointees on the staff.

"It's a stand-alone business," says Mr John Gardiner, Laird chairman, "which brings no direct benefits to other parts of the group apart from profits." But he says that Fullarton draws on the knowledge of Laird's engineering subsidiaries in France and Germany, which are run by local nationals.

Fullarton's current expansion is aimed at increasing its capacity with an eighth factory

(buying a redundant plant from a neighbouring company) and installing more metal-processing and plastic-moulding equipment. Mr McLuckie says that suppliers like Fullarton are becoming "an extension of the multinationals' facilities", as the large companies increasingly obtain their components and sub-assemblies from a single company rather than from a handful.

"The multinationals' forte is R&D and marketing; ours is providing a service," he says. He calls Fullarton an "industrial supermarket" where the customer can buy a wide range of goods and where the "shelves" (ie the factories) can be rearranged and stocked to provide whatever the client wants.

Neither Mr McLuckie nor Mr Gardiner is deterred by the shake-out taking place in the world electronics industry, with IBM's difficulties particularly well-publicised. "In general electronics is tough at the moment," admits Mr McLuckie. "But currently our business with IBM is busy and we're expanding."

"I don't expect to get through 1992 without some tough times. But the beauty of our story is that, even with peaks and troughs, we've finished each year with more people than we started with."

NEWS DIGEST

Moorfield £691,000 in the red

MOORFIELD Estates, the USM-quoted property development group, reported a pre-tax deficit of £691,000 in the year to October 31 1991.

The result compared with a profit last time of £555,000 and came from turnover down from £11.5m to £8.5m.

The commercial division reported a profit of £296,000 on property disposals. However, after after writing off interest of £298,000 and making provisions of £248,000 against the value of part of its portfolio, a loss of £1,044m was incurred.

The residential division recorded a 35 per cent advance. The division turned in profits of £1.87m from house sales slightly up at 87 (85) units. The average sale contributed £20,000 to profits.

Mr Tony Phillips, chairman, said the property sector had been badly affected by the recession, although the group's residential developments in Yorkshire and commercial developments in the Midlands and Yorkshire had not been as badly affected as other parts of the country.

He did not envisage a recovery in the commercial sector until later this year.

A tax credit of £236,000 (£183,000 charge) helped mitigate the loss.

A final dividend of 0.1p is proposed. This compares with a total for the 1990 year of 2.4p.

Throgmorton USM net assets growth

Net asset value of Throgmorton USM Trust continued to grow over the second half of 1991.

Basic value rose from 120.1p to 126.3p per share and fully diluted value from 116.1p to 121p per share.

At December 31 1990 the respective figures were 103.4p and 102.7p.

Gross income totalled £1.3m (£1.47m). Earnings per share worked through at 2.32p (3.71p) and the dividend is again 3.66p.

The trust invests in the 1,000 smallest companies in terms of market capitalisation. Over 70 per cent of the portfolio is in USM stocks.

Lancs Enterprises doubles to £2.1m

Lancashire Enterprises, the former economic development arm of Lancashire County Council, yesterday reported pre-tax profits more than doubled to £2.12m and a dividend up from 5p to 11p.

Turnover was up 65 per cent at £11m (£6.7m) as a result of selling economic development management and advisory contracts to a wider range of clients, which now

include the European Commission, the UK government and several regional and local authorities.

The company, privatised two years ago, also has regional development contracts in Poland, Bulgaria and Hungary and is pursuing others in Czechoslovakia and Albania, as well as a venture capital fund in north-west England.

Its shares are traded on matched-bid basis. Lancashire County Investments has 25 per cent, but the only other disclosable holding is that of Clydesdale Bank Nominees, with 3.6 per cent.

Fleming Fledgling assets advance 33%

Net asset value of The Fleming Fledgling Investment Trust was 253.7p per share at December 31 - a rise of one third on the previous year's 190.2p.

Net revenue for the 12 months was down from £275,000 to £200,000. Earnings per share fell from 2.99p to 2.39p. A final dividend of 2p, making a total of 3p, is recommended; for 1990, in addition to the 3p total, a special payment of 0.5p was made.

Mr Val Fleming, chairman, said the lower UK content in the portfolio together with some dividend cuts and the fall in deposit interest received had collectively resulted in a reduction in earnings per share.

Castle Cairn asset value at 43.6p

Net asset value of The Castle Cairn Investment Trust rose 14.4 per cent to 43.58p over the year to December 31.

The figure, however, represented a reversal from the 44.5p reported at the interim stage.

Net revenue in 1991 was down from £110,000 to £94,000 - the figures for 1990 were for an eight months period and had been adjusted due to an accountancy change - and earnings per share declined from 0.91p to 0.79p. But the proposed dividend is increased from 0.5p to 0.75p.

Since the year-end, Castle Cairn Fund managers have been acquired by Ivory & Stone.

Kleinwort Overseas asset value at 185p

Net asset value of Kleinwort Overseas Investment Trust fell to 185.39p at December 31, against 194.1p six months earlier.

At the end of 1990 it stood at 157.87p.

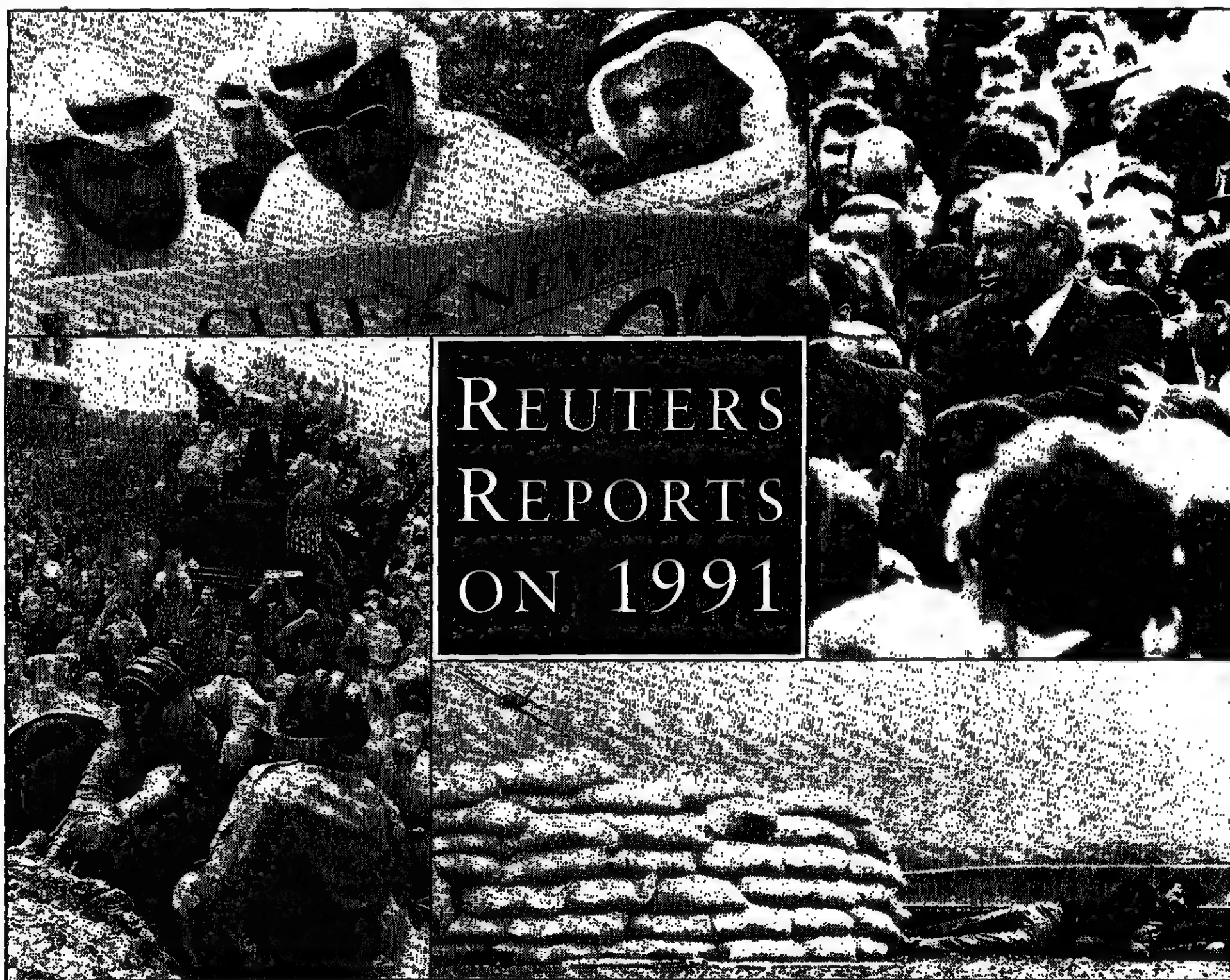
The trust, which is 28.6 per cent invested in Europe, 26 per cent in North America, and 18.9 per cent in Japan, saw gross revenue maintained at \$5.1m in 1991.

Earnings per share slipped to 3.54p (3.58p) and the dividend is again 3.2p with a final of 1.7p.

DIVIDENDS ANNOUNCED

	Current payment	Date of payment	Corresponding dividend	Total for year	Total last year
Allied Leisure	1.5p	May 4	1.5	-	4.75
Castle Cairn	0.75p	Mar 25	0.5	0.75	0.5
Fleming Fledgling	2	Apr 8	2	3	3.5
General Cons	2.75p	Apr 2	2.17	10.41	10.41
Kleinwort Overseas	1.7	Apr 23	1.7	3.2	3.2
Revelue	0.1	Apr 10	1.2	0.1	2.4
Moorfield Ests	12.3	May 5	10.8	17	15
St Modwen Props	0.55	Apr 16	0.5	0.55	0.5
Throgmorton USM	3.65	Apr 16	3.65	3.65	3.65
Wicomes	nil	nil	nil	nil	1

Dividends shown pence per share net except where otherwise stated. 100 capital increased by rights and/or acquisition issues. *Includes special 0.5p.



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PRELIMINARY RESULTS

To 31 DECEMBER 1991 (UNAUDITED)

	1991	1990	1989	1988	Difference
Revenue	1,466.6	2,742.6	1,369.0	2,560.0	+7.1
Pre-tax profit	340.3	656.3	320.1	598.6	+6.3
Taxation	110.6	206.8	111.7	208.9	-1.0
Dividend	71.5	133.7	62.9	117.6	+13.7
Earnings per share (ADS)	54.7p (US\$3.07)	49.5p (US\$2.78)			+10.5

Whether in Moscow or on the front line in Yugoslavia, our journalists, cameramen and photographers endured hardship and hazards to get their reports

out fast to a waiting world.

Chief Executive, Peter Job, said: "Behind the news of conflict lies a fierce battle for supremacy amongst news organisations seeking the prized combination of fast and accurate reporting. Coverage was costly in 1991 but Reuters begrudges no spending on this vital activity, which contributed to a successful and profitable year in spite of adverse trading conditions."

REUTERS

Note: The financial information for the year ended 31 December 1990 has been extracted from the statutory accounts for that year which have been delivered to the Registrar of Companies. The auditors' report on these accounts was unqualified and did not contain a statement under section 237 of the Companies Act 1985. Statutory accounts for the year ended 31 December 1991 will be delivered to the Registrar of Companies following the Annual General Meeting on 30 April 1992. For convenience the US dollar equivalents for both years have been converted at US\$1.87, a rate prevailing on 31 December 1991. Each American Depositary Share represents three ordinary shares. Copies of the Preliminary Results Press Release can be obtained from the Manager, Corporate Relations, Reuters Holdings PLC, 85 Fleet Street, London EC4A 4AJ.

COMMODITIES AND AGRICULTURE

Opec struggles to reach consensus on output cuts

By Deborah Hargreaves in Geneva

MINISTERS FROM the Organisation of Petroleum Exporting Countries were struggling last night to find common ground enabling them to agree a cut in production that will support world prices.

Meanwhile the oil market took flight at the hard task confronting the thirteen ministers. Oil prices dipped on reports of unease at the meeting when North Sea Brent crude for March delivery dropped by 22½ cents to \$18.57 a barrel.

Inquiry to delay Welsh terminal

By Deborah Hargreaves

A PUBLIC inquiry into plans by Hamilton Oil to build a gas processing plant and oil terminal at Point of Ayr in North Wales is likely to delay the \$1.1m project by at least six months.

Hamilton said this week that it was disappointed at the Welsh Office's decision to go ahead with the inquiry and that it would be looking at alternative sites.

Hamilton, which was acquired by Australia's BHP last year, had been looking to start production of oil and gas from its Hamilton field, off the coast of North Wales by late 1994. The company has a 45 per cent stake in the project, with Llanau holding the other 55 per cent. Mr Ed Blair, Hamilton's president, says the company is now looking to the middle of 1995 before output will begin.

The Hamilton field is estimated to contain some 750bn cubic feet of gas and between 100m and 200m barrels of oil. Mr Blair said the field would produce 200m cu ft of gas a day - all of which has been sold to PowerGen for its planned Conah's Quay power station. In addition, it will pump 30,000 to 50,000 barrels a day of oil.

The field will be developed with three production platforms: two for gas and one for oil, with two pipelines taking the gas and oil onshore to the processing plant. "The water is relatively shallow, it's close to shore and close to its market, which makes it fairly quick and cheap to develop," said Mr Blair.

● The New York Mercantile Exchange plans to launch unleaded gasoline futures within the next six months, reports Reuters from New York.

of 24.2m b/d. But ministers were in tense negotiations over the details last night.

Saudi Arabia is being pressed by some smaller producers to agree to a new round of production quotas which would mean cutting output in individual countries' production. The kingdom has in the past preferred a more informal approach and, in any case, insists that any new quotas should be based on current capacity rather than historical production.

Saudi Arabia is more sanguine over the outlook for oil demand in the second quarter and puts the call on Opec oil at 23m, and does not want to cut

its own output much more than 500,000 b/d from the present 8.5m b/d. On the other hand, Mr Celastino Armas, Venezuelan oil minister, believes demand will be lower than 23m b/d and that Opec should cut output accordingly. Ministers from Venezuela and Algeria are under intense political pressure from home to secure an agreement that will give some fillip to oil prices. Many traders believe that a cut of 1.5m b/d will do little more than support prices and that the producers must cut by much more if they are to boost prices during the traditionally weak second quarter.

Gummer expects big changes in reform plan

By David Blackwell

THE EVENTUAL reforms to the EC Common Agricultural Policy will differ fundamentally from the commission's original proposals, Mr John Gummer, agriculture minister, said yesterday.

The EC council of farm ministers, which met earlier this week, was becoming "more and more aware of the needs in the commission's thinking", he told the National Farmers' Union AGM in London. The proposals from Mr Ray MacSharry, the agriculture commissioner, are designed to decouple income support for farmers from price support for farm output.

Assuring delegates that he would not agree to a reform package that discriminated against British farming, Mr Gummer said: "We are being asked to bear the burdens of a problem we did not create." He cited a 9,000-hectare Scottish sheep farm running 1,000 ewes; net profit on the sheep in 1990 was £1,067. Under current proposals it would have support cut by 20 per cent and could not be expected to survive.

Mr Gummer said the Gatt negotiations were trying to create a more liberal world market for agriculture. If the EC were to compete in that market, the EC needed to encourage the efficient farmer. Instead, the EC had brought forward proposals that would "weaken those farmers throughout the Community who have modernised their structures and adopted commercial methods to become modern and up to date".

He said it was those producers that were vital to the Community if it was to retain a competitive agricultural industry in the future. "Does it really make sense to penalise them for the efforts they have made? Suddenly to reward inefficiency instead?"

Latin America 'to double investment'

By Christina Lamb in Rio de Janeiro

LATIN AMERICA is expected to double its annual investment in the petroleum industry over the next four years, taking advantage of new flows of foreign capital into the region.

Mr Alvaro Teixeira, Secretary General of the Association of Latin American State Petroleum Companies, said yesterday that new investments in exploration and production between 1992 and 1996 are likely to total \$75bn, an annual average of \$18.7bn, not including the petrochemical sector.

This compares with \$4bn invested in 1990 and \$9bn last year. The major part will come from Venezuela, the region's biggest producer, which is embarking on a series of joint ventures, followed by Mexico and Brazil, which has an ambitious programme to become self-sufficient by 1994.

Latin America has the world's second largest oil reserves after the Middle East

and is at present responsible for 13 per cent of global production. According to Mr Teixeira the new investment drive will increase the region's production from 7.4m barrels per day to 10m b/d by the end of the decade.

He said: "Latin American reserves have increased 600 per cent over the last 25 years - more than any other region in the world. The potential of new discoveries is still very high because the area is still little explored."

Mr Teixeira described the petroleum sector as "one of the engines of growth of Latin America", which could "benefit greatly from the region's re-entry into the international financial community". He said it could be an essential tool for integration, adding that several countries including Brazil and Mexico were negotiating with Cuba for offshore exploration rights and shared use of terminals and refineries.

Indian jute producer breaks ranks

By Kunal Bose in Calcutta

AN INDIAN jute mill operator has broken ranks with the rest of the industry to end a work stoppage; and others are set to follow its lead.

Abandoning the long-established tradition of letting the Indian Jute Mills Association negotiate wage agreements on behalf of the industry, Delta Jute and Industries has signed an interim agreement with the trade unions for the reopening of its mill, which produces mainly high value jute items for export.

In its eagerness to resume production, Delta has conceded

the wage demands of trade unions. As long as the rest of the industry remains strike-bound, the company will have no problem in paying the higher wages as the prices of jute goods have rocketed following the suspension of production by 54 mills in West Bengal 16 days ago.

Disturbed by Delta's move, however, Mr Bharat Jalan, chairman of IJMA, has announced that the remaining 37 member mills are now free to conduct negotiation with the unions and arrive at settlements. In fact emboldened by

the Delta initiative, seven other units have already made settlement offers.

The consensus in the industry is that Delta will find the interim settlement a big burden whenever the strike in the industry ends. In the traditional jute mill industry, according to Mr Jalan, wages constitute as much as 40 per cent of the total cost of production of jute goods. If the economic demands of the unions were conceded wages would have a share of 55 per cent of production total costs, striking at the industry's viability.

US price boost for Canadian lumber

By Bernard Simon in Toronto

A SURGE in North American lumber prices to near-record levels is bringing some welcome relief to Canada's hard-pressed forestry industry but signals an unusual degree of uncertainty about future timber supplies.

Macmillan Bloedel, the Vancouver-based forestry group, reported last week that lumber was the only one of its major products for which prices had advanced in the past year.

Despite the continuing lull in the US and Canadian economies, Madison's Canadian Lumber Reporter this week quotes the price on 2 x 4 inch planks from the west coast at US\$240 per 1,000 board feet, up from \$201 a month ago and \$156 at this time last year. The jump, which has been mirrored on futures markets in Chicago, has brought prices within a few dollars of record levels.

The increase has occurred despite demand for timber

remaining subdued. Mr Roy Carroll, president of Angus Forest Products, a Toronto-based wholesaler, says that "there's quite a lot of anticipation, but so far we haven't seen it take hold."

This "anticipation" reflects low interest rates and President Bush's proposal of a \$5,000 tax credit for first-time home-buyers. Housing starts, which were running at an annual rate of 1.1m last December, are expected to climb to at least 1.2m this year.

Mr Tom Martin, a Chicago lumber analyst, says many timber dealers are covering their entire expected commitments for the spring construction season in the cash market to protect themselves against possible price increases in May or June.

Prices of the 2 x 10 inch planks used mainly in housing have risen even faster than the 2 x 4 inch. According to Madison's, they are changing hands

at about \$294 per 1,000 board feet, up from \$170 a year ago.

But most of the impetus for the price jump has come from supply uncertainties. Late in 1991 the US Forest Service virtually stopped sales of timber from government-owned forests in Oregon and Washington in response to environmental pressures to protect the north-western spotted owl and other wild life. More than 5 per cent of total US timber production is expected to be withdrawn between the second half of 1992 and the end of 1993.

The future pricing of Canadian lumber has been thrown into doubt by a heated trade dispute stemming from Ottawa's removal last October of a 15 per cent export tax on shipments to the US. The tax was imposed in 1986 to forestall a US countervailing duty against low stumpage (tree-cutting) fees charged in provincially-owned forests.

Some provinces have subsequently raised these fees. But US lumber producers are now also complaining that British Columbia's curbs on unprocessed log exports amount to a subsidy. By not allowing them to bid for the logs, the US industry contends that the restrictions keep prices low for Canadian sawmills.

The US International Trade Commission issued a preliminary ruling in December that the low stumpage charges were still injuring US lumber producers. The Commerce Department is due to issue a final ruling by June 5, which could be followed by a countervailing duty of as much as 20 per cent.

Mr Martin estimates that fears of a countervailing duty have added \$10 to \$15 per 1,000 board feet to current lumber prices. Sawmills in British Columbia warned customers last week that they will be expected to absorb any new duties.

Russians deny responsibility for aluminium market slide

By Layla Boulton in Moscow

RUSSIAN AUTHORITIES have been defending themselves against charges that they are damaging the West European aluminium market with cheap exports and expect counter-proposals from the European Commission tomorrow.

Mr Ruben Petrov, deputy chairman of Rosaluminium, the state organisation that handles exports of non-ferrous metals, claimed that "the USSR was not the main factor in price changes at the London Metal Exchange". Blaming recession in the West for the recent slump in prices, he said prices were falling again as western economies picked up. He claimed that Soviet exports had remained largely unchanged, at 700,000 tonnes a year between 1989 and 1991.

Mr Petrov added that his organisation, which is now restricted to Russia, had proposed to the commission a review of the Russian licensing system to restrict exports, even though it had no control over exports by other republics such as Tajikistan and Ukraine.

But Mr Lev Lubensky, who heads the export department of Concomaluminium, a conglomerate that represents all Russia's aluminium smelters,

pointed a more likely picture of the situation. He said that a new licensing regime coupled with stiff new export tariffs introduced in January had already curbed exports. Russian exports, however, would rise again this month as a result of the recent relaxation of certain export tariffs, but not to last year's level because the strict new licensing system would remain in place.

But he also admitted that until domestic Russian labour, energy, and other production costs approached world levels, it would still remain profitable for Russian producers to sell aluminium at weakened world prices on the LME. Possibly attempting to cheer up western producers, he said the domestic Russian price of aluminium was rapidly rising. After the removal of all price controls on aluminium as part of Russia's January 2 price liberalisation, he said that the domestic price of aluminium had leapt from Rbl500-4,000 to Rbl500-50,000 a tonne. At the market rate, the latter converts to \$200-500 a tonne.

He also denied Mr Petrov's suggestion that other republics had a significant presence on export markets, since Tajikistan accounted for only 15 per cent of former Soviet exports while Ukrainian exports were negligible.

He said Russian exports to the West had increased over the past two years because of the collapse in exports to former Comecon countries, which had previously accounted for 70 per cent of Soviet sales abroad. Secondly, he claimed a proliferation of independent exporters by joint ventures and enterprises, over which central authorities had no control.

The European Commission, which is now considering some sort of compromise to help western producers without closing the door to Soviet imports, stepped into the dispute after western European producers complained they were having to close down capacity as a result of the cheap imports.

The irony is that up-to-date western smelters with advanced environmental standards are threatened with closure by the output of badly maintained Russian smelters. Mr Lubensky noted, however, that western investors were showing no enthusiasm for helping to re-equip Soviet plants.

Tunisian mine venture gets IFC backing

By Kenneth Gooding, Mining Correspondent

TUNISIA'S FIRST privately owned and managed mining project, at Bougrine in the province of Kev, has cleared a substantial hurdle by winning US\$15.1m of financial support from the International Finance Corporation, the World Bank's private-sector financing outfit.

A German financial institution, Deutsche Investitions und Entwicklungsgesellschaft, will also provide support with a loan equivalent to \$11.5m.

Metal Mining, the Toronto-based subsidiary of Metallgesellschaft of Germany, owns 50 per cent of the project, which is expected to go into production at the end of 1995 at a total cost of \$50m for the mine, associated surface facilities.

The Bougrine mine is expected to create 200 jobs and have an annual output of about 38,000 tonnes of zinc and 8,000 tonnes of lead in concentrates.

Other shareholders in the venture include Tunisia's Office National des Mines; Société Tunisio-Soudanaise d'Investissement et de Développement; Banque Tunisio-Koweïtienne de Développement; and Banque de Développement Economique de Tunisie.

Colombia cuts growers' coffee price by 5 per cent

THE COLOMBIAN coffee authorities have reduced the price paid to growers by 5 per cent in response to very low international prices, writes Serita Kinsella in Bogotá. This is an unusual move for Colombia, which has tried to maintain domestic purchase prices despite the large deficit incurred by the National Coffee Fund.

Mr Jorge Cardenas, manager of the coffee growers' federation, said it was a critical moment for coffee on both the

internal and foreign fronts: this year's harvest is running at about 16.7m bags (80 kg each), the highest ever, and though Colombia hopes to export some 12m bags, stocks will increase.

The federation and the

regional coffee organisations are to pure spending to a minimum, while growers will be encouraged to remove plantations in order to reduce the area harvested during the next two years. The aim is to cut production by 500,000 bags.

WORLD COMMODITIES PRICES

MARKET REPORT

Copper broke out of its recent range on the LME after a surge on Comex at midday took March above \$1.10 on technical buying. Three-month metal on the LME broke through resistance at \$2,200 a tonne, and further gains are seen if prices hold above \$2,210. However, commission houses selling was evident above \$2,200, and as there are no new fundamental developments, the market could retreat if it does not establish a new range above \$2,220, dealers said. LME aluminium prices succumbed to late profit taking after an afternoon rally on talk that the giant Krasnoyarsk smelter, Russia's second largest, had threatened

to close unless the new export regime imposed earlier this year is lifted. Nickel prices were mostly under pressure from liquidation and concern that recent Chinese purchases may be unwound. New York raw sugar futures were holding on to light gains by midday after falling to the lowest levels since August on Tuesday. Analysts said slack demand and ample supplies were keeping sentiment bearish. In Chicago wheat was again losing at midday following mill losses on Tuesday. New York March cotton was ahead by the 2 cent limit at midday on aggressive buying.

Compiled from Reuters

LONDON MARKETS

SPOT MARKETS

Commodity	Unit	Price
Copper (per barrel FOB)	£	110.00
Diesel	£/tonne	115.25-115.50
Brent Blend (diesel)	£/tonne	115.25-115.50
Brent Blend (oil)	£/tonne	115.25-115.50
WTI (oil)	£/tonne	115.25-115.50
Oil premium	£/tonne	115.25-115.50
Oil premium delivery per cent	%	115.25-115.50
Crude oil	£/tonne	115.25-115.50
Heavy Fuel Oil	£/tonne	115.25-115.50
Heating Oil	£/tonne	115.25-115.50
Petroleum Argus Estimates	£/tonne	115.25-115.50
Other	£/tonne	115.25-115.50

LONDON DAILY SUGAR

Commodity	Unit	Price
London daily sugar (raw)	£/tonne	115.25-115.50
London daily sugar (white)	£/tonne	115.25-115.50
Tate and Lyle export price	£/tonne	115.25-115.50

TATE AND LYLE EXPORT PRICE

Commodity	Unit	Price
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SUGAR - LONDON PSE

Commodity	Unit	Price
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SUGAR - LONDON PSE

Commodity	Unit	Price
London PSE	£/tonne	115.

FINANCIAL TIMES THURSDAY FEBRUARY 13 1992

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LONDON SHARE SERVICE

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● Current Unit Trust prices are available on FT Cityline. Calls charged at 36¢/minute cheap rate and 48¢/minute at all other times. To obtain a free Unit Trust Code Booklet ring (071) 825-2128.

Continued on next page

IRELAND (REGULATED)⁽¹⁰⁾

● Current Unit Trust prices are available on FT Cityline. Calls charged at 38p/minute cheap rate and 48p/minute at all other times. To obtain a free Unit Trust Code Booklet ring (071) 925-2128

JERSEY (REGULATED)									
Fund Name	ISIN	Asset Class	Manager	YTD	1Y	3Y	5Y	10Y	15Y
Barclays International Bond	IE0004111111	Bond	Barclays	1.2%	5.1%	12.3%	18.7%	24.5%	30.2%
Barclays International Equity	IE0004111112	Equity	Barclays	2.1%	8.9%	15.6%	22.4%	28.1%	34.8%
Barclays International Growth	IE0004111113	Growth	Barclays	3.5%	12.4%	21.7%	29.8%	35.6%	42.1%
Barclays International Income	IE0004111114	Income	Barclays	0.8%	4.2%	9.1%	14.5%	20.3%	26.7%
Barclays International Real Estate	IE0004111115	Real Estate	Barclays	1.5%	6.3%	11.8%	17.9%	23.4%	29.1%
Barclays International Natural Resources	IE0004111116	Natural Resources	Barclays	2.8%	9.7%	18.2%	25.6%	31.2%	37.9%
Barclays International Healthcare	IE0004111117	Healthcare	Barclays	3.1%	10.5%	19.4%	26.8%	32.5%	39.2%
Barclays International Technology	IE0004111118	Technology	Barclays	3.8%	11.9%	20.8%	28.2%	34.0%	40.7%
Barclays International Consumer Goods	IE0004111119	Consumer Goods	Barclays	2.5%	8.4%	16.1%	23.5%	29.1%	35.8%
Barclays International Financial Services	IE0004111120	Financial Services	Barclays	2.9%	9.8%	18.5%	25.9%	31.6%	38.3%
Barclays International Energy	IE0004111121	Energy	Barclays	3.2%	10.2%	19.1%	26.5%	32.2%	38.9%
Barclays International Environmental	IE0004111122	Environmental	Barclays	3.6%	11.1%	20.0%	27.4%	33.1%	39.8%
Barclays International Socially Responsible	IE0004111123	Socially Responsible	Barclays	3.4%	10.8%	19.7%	27.1%	32.8%	39.5%
Barclays International Sustainable	IE0004111124	Sustainable	Barclays	3.7%	11.3%	20.3%	27.8%	33.5%	40.2%
Barclays International Climate Change	IE0004111125	Climate Change	Barclays	3.9%	11.6%	20.6%	28.1%	33.8%	40.5%
Barclays International Gender Equality	IE0004111126	Gender Equality	Barclays	3.3%	10.6%	19.5%	26.9%	32.6%	39.2%
Barclays International Human Rights	IE0004111127	Human Rights	Barclays	3.0%	9.9%	18.8%	26.2%	31.9%	38.6%
Barclays International Anti-Corruption	IE0004111128	Anti-Corruption	Barclays	3.1%	10.1%	19.0%	26.4%	32.1%	38.8%
Barclays International Transparency	IE0004111129	Transparency	Barclays	3.2%	10.3%	19.2%	26.6%	32.3%	39.0%
Barclays International Accountability	IE0004111130	Accountability	Barclays	3.3%	10.5%	19.4%	26.8%	32.5%	39.2%
Barclays International Integrity	IE0004111131	Integrity	Barclays	3.4%	10.7%	19.6%	27.0%	32.7%	39.4%
Barclays International Ethics	IE0004111132	Ethics	Barclays	3.5%	10.9%	19.8%	27.2%	32.9%	39.6%
Barclays International Governance	IE0004111133	Governance	Barclays	3.6%	11.1%	20.0%	27.4%	33.1%	39.8%
Barclays International Leadership	IE0004111134	Leadership	Barclays	3.7%	11.3%	20.2%	27.6%	33.3%	40.0%
Barclays International Innovation	IE0004111135	Innovation	Barclays	3.8%	11.5%	20.4%	27.8%	33.5%	40.2%
Barclays International Creativity	IE0004111136	Creativity	Barclays	3.9%	11.7%	20.6%	28.0%	33.7%	40.4%
Barclays International Imagination	IE0004111137	Imagination	Barclays	4.0%	11.9%	20.8%	28.2%	33.9%	40.6%
Barclays International Inspiration	IE0004111138	Inspiration	Barclays	4.1%	12.1%	21.0%	28.4%	34.1%	40.8%
Barclays International Vision	IE0004111139	Vision	Barclays	4.2%	12.3%	21.2%	28.6%	34.3%	41.0%
Barclays International Future	IE0004111140	Future	Barclays	4.3%	12.5%	21.4%	28.8%	34.5%	41.2%
Barclays International Potential	IE0004111141	Potential	Barclays	4.4%	12.7%	21.6%	29.0%	34.7%	41.4%
Barclays International Possibility	IE0004111142	Possibility	Barclays	4.5%	12.9%	21.8%	29.2%	34.9%	41.6%
Barclays International Opportunity	IE0004111143	Opportunity	Barclays	4.6%	13.1%	22.0%	29.4%	35.1%	41.8%
Barclays International Advantage	IE0004111144	Advantage	Barclays	4.7%	13.3%	22.2%	29.6%	35.3%	42.0%
Barclays International Edge	IE0004111145	Edge	Barclays	4.8%	13.5%	22.4%	29.8%	35.5%	42.2%
Barclays International Edge	IE0004111146	Edge	Barclays	4.9%	13.7%	22.6%	30.0%	35.7%	42.4%
Barclays International Edge	IE0004111147	Edge	Barclays	5.0%	13.9%	22.8%	30.2%	35.9%	42.6%
Barclays International Edge	IE0004111148	Edge	Barclays	5.1%	14.1%	23.0%	30.4%	36.1%	42.8%
Barclays International Edge	IE0004111149	Edge	Barclays	5.2%	14.3%	23.2%	30.6%	36.3%	43.0%</

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CURRENCIES, MONEY AND CAPITAL MARKETS

FOREIGN EXCHANGES

Dollar climbs on rumour

THE DOLLAR climbed to its highest this week against the D-Mark, boosted by rumours of unrest in the former Soviet Union and defensive comments from Federal Reserve chairman Mr Alan Greenspan, writes *Peggy Hollinger*.

The US currency finished near the week's high in London at DM1.6070 from DM1.5905.

Mr Greenspan's comments late last night that he would open a devaluation policy left the US unit stronger at the London opening.

Then came Mr Edward Shevardnadze's warnings of a coup in Russia, and talk of Libya preparing for a punitive western military strike, and the dollar shot through the DM1.60 level.

Traders dismissed the importance of the rumours of Soviet unrest, however. "People wanted to be in the mood to buy dollars," said Mr Michael Feeney, senior dealer at Summit Bank.

It was not the first time Mr Shevardnadze had spoken of unrest.

"The market was ready to listen, even though it was old news," Mr Feeney added. He said it was also unlikely that the Fed would cut rates in the near term.

Many felt the US dollar would consolidate overnight.

the speculators take their money and run.

This week's rise has largely been based on technical factors and rumour.

However, the dollar will today get its first solid piece of data since Friday's disastrous jobs figures. US retail sales for January are expected to be flat.

The US unit had a harder time pushing through the psychologically important Y128.50 barrier - the level at which the Fed and the Bank of Japan had intervened last month - to finish at Y127.55, compared with Y126.50 on Tuesday.

The market still feared intervention around the Y128.50 level. Comments from Japanese Finance Minister Mr Taro Aso that it was not yet time for a weak yen reinforced those fears.

Sterling continued to trade in a narrow band against the D-Mark, strengthening from

DM2.8550 to DM2.8750.

The D-Mark was weaker against most currencies in the exchange rate mechanism, as a result of the rumours of Soviet unrest and dollar strength.

The lira rose from 762.43/53 per D-Mark to 751.75/85. Traders suggested that investors were keen on the extra yield available in the lira over the D-Mark.

The peseta climbed from 62.99/02 to 62.99/97. The Spanish unit's strength ensured that sterling remained a mere 10 basis points above the ERM grid for most of the day.

Sterling's weakness in the ERM would appear to be the main obstacle to a rate cut in the UK.

There was continuing speculation that the Bank of Spain could ease monetary policy after it announces inflation figures today.

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FINANCIAL FUTURES AND OPTIONS

US TREASURY BOND FUTURES (100,000 BOND) - 1992

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1993

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1994

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1995

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1996

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1997

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1998

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1999

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 2000

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 2001

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 2002

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 2003

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

MONEY MARKET FUNDS

Money Market Trust Funds

Fund	Assets	Net Assets	Yield
First American	100.00	100.00	10.00
First American	100.00	100.00	10.00
First American	100.00	100.00	10.00

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1992

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1993

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1994

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1995

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND.

US TREASURY BOND FUTURES (100,000 BOND) - 1996

Strike	Call	Put	Settle
97	3.52	0.42	0.42
98	2.54	0.44	0.44
99	1.56	0.46	0.46
100	0.58	0.48	0.48
101	0.10	0.50	0.50
102	0.02	0.52	0.52

Estimated volume: 100,000 BOND. Call: 100,000 BOND. Put: 100,000 BOND. Previous day's open: 100,000 BOND. Call:

FUNDS

[illegible]

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LONDON'S BUSINESS NEWSPAPER

NEW YORK STOCK EXCHANGE COMPOSITE PRICES

Continued on next page

NASDAQ NATIONAL MARKET

3:00 pm prices February 12

[illegible]

3:00 pm prices February 12

312	43	38	35	32	29	26	23	20	17	14	11	8	5	2	-1	-4	-7	-10	-13	-16	-19	-22	-25	-28	-31	-34	-37	-40	-43	-46	-49	-52	-55	-58	-61	-64	-67	-70	-73	-76	-79	-82	-85	-88	-91	-94	-97	-100	-103	-106	-109	-112	-115	-118	-121	-124	-127	-130	-133	-136	-139	-142	-145	-148	-151	-154	-157	-160	-163	-166	-169	-172	-175	-178	-181	-184	-187	-190	-193	-196	-199	-202	-205	-208	-211	-214	-217	-220	-223	-226	-229	-232	-235	-238	-241	-244	-247	-250	-253	-256	-259	-262	-265	-268	-271	-274	-277	-280	-283	-286	-289	-292	-295	-298	-301	-304	-307	-310	-313	-316	-319	-322	-325	-328	-331	-334	-337	-340	-343	-346	-349	-352	-355	-358	-361	-364	-367	-370	-373	-376	-379	-382	-385	-388	-391	-394	-397	-400	-403	-406	-409	-412	-415	-418	-421	-424	-427	-430	-433	-436	-439	-442	-445	-448	-451	-454	-457	-460	-463	-466	-469	-472	-475	-478	-481	-484	-487	-490	-493	-496	-499	-502	-505	-508	-511	-514	-517	-520	-523	-526	-529	-532	-535	-538	-541	-544	-547	-550	-553	-556	-559	-562	-565	-568	-571	-574	-577	-580	-583	-586	-589	-592	-595	-598	-601	-604	-607	-610	-613	-616	-619	-622	-625	-628	-631	-634	-637	-640	-643	-646	-649	-652	-655	-658	-661	-664	-667	-670	-673	-676	-679	-682	-685	-688	-691	-694	-697	-700	-703	-706	-709	-712	-715	-718	-721	-724	-727	-730	-733	-736	-739	-742	-745	-748	-751	-754	-757	-760	-763	-766	-769	-772	-775	-778	-781	-784	-787	-790	-793	-796	-799	-802	-805	-808	-811	-814	-817	-820	-823	-826	-829	-832	-835	-838	-841	-844	-847	-850	-																																											
0.57	8	28	19	14	10	7	4	1	-2	-5	-8	-11	-14	-17	-20	-23	-26	-29	-32	-35	-38	-41	-44	-47	-50	-53	-56	-59	-62	-65	-68	-71	-74	-77	-80	-83	-86	-89	-92	-95	-98	-101	-104	-107	-110	-113	-116	-119	-122	-125	-128	-131	-134	-137	-140	-143	-146	-149	-152	-155	-158	-161	-164	-167	-170	-173	-176	-179	-182	-185	-188	-191	-194	-197	-200	-203	-206	-209	-212	-215	-218	-221	-224	-227	-230	-233	-236	-239	-242	-245	-248	-251	-254	-257	-260	-263	-266	-269	-272	-275	-278	-281	-284	-287	-290	-293	-296	-299	-302	-305	-308	-311	-314	-317	-320	-323	-326	-329	-332	-335	-338	-341	-344	-347	-350	-353	-356	-359	-362	-365	-368	-371	-374	-377	-380	-383	-386	-389	-392	-395	-398	-401	-404	-407	-410	-413	-416	-419	-422	-425	-428	-431	-434	-437	-440	-443	-446	-449	-452	-455	-458	-461	-464	-467	-470	-473	-476	-479	-482	-485	-488	-491	-494	-497	-500	-503	-506	-509	-512	-515	-518	-521	-524	-527	-530	-533	-536	-539	-542	-545	-548	-551	-554	-557	-560	-563	-566	-569	-572	-575	-578	-581	-584	-587	-590	-593	-596	-599	-602	-605	-608	-611	-614	-617	-620	-623	-626	-629	-632	-635	-638	-641	-644	-647	-650	-653	-656	-659	-662	-665	-668	-671	-674	-677	-680	-683	-686	-689	-692	-695	-698	-701	-704	-707	-710	-713	-716	-719	-722	-725	-728	-731	-734	-737	-740	-743	-746	-749	-752	-755	-758	-761	-764	-767	-770	-773	-776	-779	-782	-785	-788	-791	-794	-797	-800	-803	-806	-809	-812	-815	-818	-821	-824	-827	-830	-833	-836	-839	-842	-845	-848	-851	-854	-857	-860	-863	-866	-869	-872	-875	-878	-881	-884	-887	-890	-893	-896	-899	-902	-905	-908	-911	-914	-917	-920	-923	-926	-929	-932	-935	-938	-941	-944	-947	-950	-953	-956	-959	-962	-965	-968	-971	-974	-977	-980	-983	-986	-989	-992	-995	-998	-1000
0.05	0.18	0.32	0.46	0.60	0.74	0.88	1.02	1.16	1.30	1.44	1.58	1.72	1.86	2.00	2.14	2.28	2.42	2.56	2.70	2.84	2.98	3.12	3.26	3.40	3.54	3.68	3.82	3.96	4.10	4.24	4.38	4.52	4.66	4.80	4.94	5.08	5.22	5.36	5.50	5.64	5.78	5.92	6.06	6.20	6.34	6.48	6.62	6.76	6.90	7.04	7.18	7.32	7.46	7.60	7.74	7.88	8.02	8.16	8.30	8.44	8.58	8.72	8.86	9.00	9.14	9.28	9.42	9.56	9.70	9.84	9.98	10.12	10.26	10.40	10.54	10.68	10.82	10.96	11.10	11.24	11.38	11.52	11.66	11.80	11.94	12.08	12.22	12.36	12.50	12.64	12.78	12.92	13.06	13.20	13.34	13.48	13.62	13.76	13.90	14.04	14.18	14.32	14.46	14.60	14.74	14.88	15.02	15.16	15.30	15.44	15.58	15.72	15.86	16.00	16.14	16.28	16.42	16.56	16.70	16.84	16.98	17.12	17.26	17.40	17.54	17.68	17.82	17.96	18.10	18.24	18.38	18.52	18.66	18.80	18.94	19.08	19.22	19.36	19.50	19.64	19.78	19.92	20.06	20.20	20.34	20.48	20.62	20.76	20.90	21.04	21.18	21.32	21.46	21.60	21.74	21.88	22.02	22.16	22.30	22.44	22.58	22.72	22.86	23.00	23.14	23.28	23.42	23.56	23.70	23.84	23.98	24.12	24.26	24.40	24.54	24.68	24.82	24.96	25.10	25.24	25.38	25.52	25.66	25.80	25.94	26.08	26.22	26.36	26.50	26.64	26.78	26.92	27.06	27.20	27.34	27.48	27.62	27.76	27.90	28.04	28.18	28.32	28.46	28.60	28.74	28.88	29.02	29.16	29.30	29.44	29.58	29.72	29.86	30.00																																																																																																																																
0.08	0.16	0.24	0.32	0.40	0.48	0.56	0.64	0.72	0.80	0.88	0.96	1.04	1.12	1.20	1.28	1.36	1.44	1.52	1.60	1.68	1.76	1.84	1.92	2.00	2.08	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28	3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.32	4.40	4.48	4.56	4.64	4.72	4.80	4.88	4.96	5.04	5.12	5.20	5.28	5.36	5.44	5.52	5.60	5.68	5.76	5.84	5.92	6.00	6.08	6.16	6.24	6.32	6.40	6.48	6.56	6.64	6.72	6.80	6.88	6.96	7.04	7.12	7.20	7.28	7.36	7.44	7.52	7.60	7.68	7.76	7.84	7.92	8.00	8.08	8.16	8.24	8.32	8.40	8.48	8.56	8.64	8.72	8.80	8.88	8.96	9.04	9.12	9.20	9.28	9.36	9.44	9.52	9.60	9.68	9.76	9.84	9.92	10.00																																																																																																																																																																																																																										
0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40	2.52	2.64	2.76	2.88	3.00	3.12	3.24	3.36	3.48	3.60	3.72	3.84	3.96	4.08	4.20	4.32	4.44	4.56	4.68	4.80	4.92	5.04	5.16	5.28	5.40	5.52	5.64	5.76	5.88	6.00	6.12	6.24	6.36	6.48	6.60	6.72	6.84	6.96	7.08	7.20	7.32	7.44	7.56	7.68	7.80	7.92	8.04	8.16	8.28	8.40	8.52	8.64	8.76	8.88	9.00	9.12	9.24	9.36	9.48	9.60	9.72	9.84	9.96	10.08	10.20	10.32	10.44	10.56	10.68	10.80	10.92	11.04	11.16	11.28	11.40	11.52	11.64	11.76	11.88	12.00	12.12	12.24	12.36	12.48	12.60	12.72	12.84	12.96	13.08	13.20	13.32	13.44	13.56	13.68	13.80	13.92	14.04	14.16	14.28	14.40	14.52	14.64	14.76	14.88	15.00	15.12	15.24	15.36	15.48	15.60	15.72	15.84	15.96	16.08	16.20	16.32	16.44	16.56	16.68	16.80	16.92	17.04	17.16	17.28	17.40	17.52	17.64	17.76	17.88	18.00	18.12	18.24	18.36	18.48	18.60	18.72	18.84	18.96	19.08	19.20	19.32	19.44	19.56	19.68	19.80	19.92	20.04																																																																																																																																																																																
0.16	0.32	0.48	0.64	0.80	0.96	1.12	1.28	1.44	1.60	1.76	1.92	2.08	2.24	2.40	2.56	2.72	2.88	3.04	3.20	3.36	3.52	3.68	3.84	4.00	4.16	4.32	4.48	4.64	4.80	4.96	5.12	5.28	5.44	5.60	5.76	5.92	6.08	6.24	6.40	6.56	6.72	6.88	7.04	7.20	7.36	7.52	7.68	7.84	8.00	8.16	8.32	8.48	8.64	8.80	8.96	9.12	9.28	9.44	9.60	9.76	9.92	10.08	10.24	10.40	10.56	10.72	10.88	11.04	11.20	11.36	11.52	11.68	11.84	12.00	12.16	12.32	12.48	12.64	12.80	12.96	13.12	13.28	13.44	13.60	13.76	13.92	14.08	14.24	14.40	14.56	14.72	14.88	15.04	15.20	15.36	15.52	15.68	15.84	16.00	16.16	16.32	16.48	16.64	16.80	16.96	17.12	17.28	17.44	17.60	17.76	17.92	18.08	18.24	18.40	18.56	18.72	18.88	19.04	19.20	19.36	19.52	19.68	19.84	20.00																																																																																																																																																																																																																										
0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00	8.20	8.40	8.60	8.80	9.00	9.20	9.40	9.60	9.80	10.00	10.20	10.40	10.60	10.80	11.00	11.20	11.40	11.60	11.80	12.00	12.20	12.40	12.60	12.80	13.00	13.20	13.40	13.60	13.80	14.00	14.20	14.40	14.60	14.80	15.00	15.20	15.40	15.60	15.80	16.00	16.20	16.40	16.60	16.80	17.00	17.20	17.40	17.60	17.80	18.00	18.20	18.40	18.60	18.80	19.00	19.20	19.40	19.60	19.80	20.00																																																																																																																																																																																																																																																			
0.24	0.48	0.72	0.96	1.20	1.44	1.68	1.92	2.16	2.40	2.64	2.88	3.12	3.36	3.60	3.84	4.08	4.32	4.56	4.80	5.04	5.28	5.52	5.76	6.00	6.24	6.48	6.72	6.96	7.20	7.44	7.68	7.92	8.16	8.40	8.64	8.88	9.12	9.36	9.60	9.84	10.08																																																																																																																																																																																																																																																																																																													

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FINANCIAL TIMES

Bourses see big moves in second-line stocks

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Latest prices were unavailable for this edition. Japanese market closed February 11.

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